


**Final
Remedial Investigation Report
Presidio Main Installation**

Presidio of San Francisco

**Volume IV
Figures Section 6**

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Dames and Moore has conducted a Remedial Investigation (RI) of the Presidio of San Francisco (PSF), CA. The objectives of the RI included the determination of the nature and extent of contamination at PSF and to quantify both the human health and ecological risk posed by that contamination. The report concludes that, in general, the Presidio does not pose a significant risk to either human health or the environment. There are, however, a number of locations where elevated risks are present. The remedial actions to abate those risks will be identified in a follow-on document called the "Presidio Main Installation, Feasibility Study".

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1. INTRODUCTION

This Final Remedial Investigation (RI) Report presents the results of the Main Installation RI conducted under the direction of the U.S. Army Environmental Center (USAEC), formerly U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) at the Presidio of San Francisco (PSF). This RI report was prepared by Dames & Moore under contract No. DAAA15-90-D-0018 with the USAEC.

Volume IV, this volume, of the Final Remedial Investigation Report contains the figures referenced by section 6 of the report text in Volume I. Section tabs in this volume correspond to the section tabs in Volume I, making it easy to find the corresponding figure.

The remaining seven volumes contain information as follows: Volume I contains the text of the body of the report. Volume II contains the tables referenced in Volume I. Volume III contains the figures referenced by sections 1 through 5 of Volume I. Volume V contains the figures referenced by sections 7 through 15 of Volume I. Volumes VI through VIII contain supporting documentation for the RI in Appendices A through U.

The following report outline shows section and Appendix titles for all eight report volumes and is included in the introduction section of each volume of this RI report.

1.1 Report Outline: Final Remedial Investigation Report Presidio Main Installation, Presidio of San Francisco

The following outline lists the major sections in each of the eight volumes of this RI report.

VOLUME I TEXT

1. Introduction
2. Background
3. Investigation Methods
4. Nike Facility
5. Crissy Field Study Area
6. Building 900s Series Study Area
7. Directorate of Engineering and Housing Study Area
8. Main Post Study Area
9. Fill Sites and Landfills
10. Miscellaneous Sites
11. Golden Gate Bridge Highway and Transportation District Study Area
12. Baker Beach Study Area
13. Battery Howe/Wagner
14. Miscellaneous Follow-on Sites
15. Baseline Risk Assessment
16. References

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3. Investigation Methods
4. Nike Facility
5. Crissy Field Study Area
6. Building 900s Series Study Area
7. Directorate of Engineering and Housing Study Area
8. Main Post Study Area
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15. Baseline Risk Assessment

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- B Nike Facility
- C Crissy Field Study Area
- D Building 900s Series Study Area
- E DEH Study Area
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- J Baker Beach Study Area
- K Battery Howe/Wagner
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- N Geophysical Data
- O Well and Sample Data
- P Transducer Study
- Q Fate and Transport Data

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- S Soil Gas Data
- T QA/QC Program
- U Risk Calculation Spreadsheets

1.2 Index of Study Areas, Buildings, and Sites, with Section Numbers

The following index shows where each study area, building, and site is discussed in the RI report. Note, however, that although all listed items are discussed, not all listed items are areas which were investigated in this RI. The index can also be cross referenced with Figure 1.2-1.

For space requirements in the index, and for brevity in the rest of this RI report, the Golden Gate Bridge, Highway, and Transportation District Study Area is abbreviated as GGBHTD Study Area. For the same reasons, the Directorate of Engineering and Housing Study Area is abbreviated as DEH Study Area.

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| Study Area/Building/Site | RI Report Section |
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Surface Trace
of Bedrock Outcrop

San Francis

| 900SS22 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 2100 |

| 900SS03 | |
|-----------|----------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 8980.197 |

| 937GW36 | | | DEPTH | LITHOL |
|-----------|------|------|-------|---------|
| DEPTH | 3.0' | 6.5' | | |
| LITHOLOGY | FILL | FILL | | |
| Aluminum | 4500 | 4900 | | Aluminu |

| 900SS20 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 8500 |

| 900SS21 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 8000 |

| 900SS09 | |
|-----------|-----------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Aluminum | 10291.153 |

| 900SS08 | |
|-----------|----------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Aluminum | 8453.947 |

| 900SS19 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 10000 |

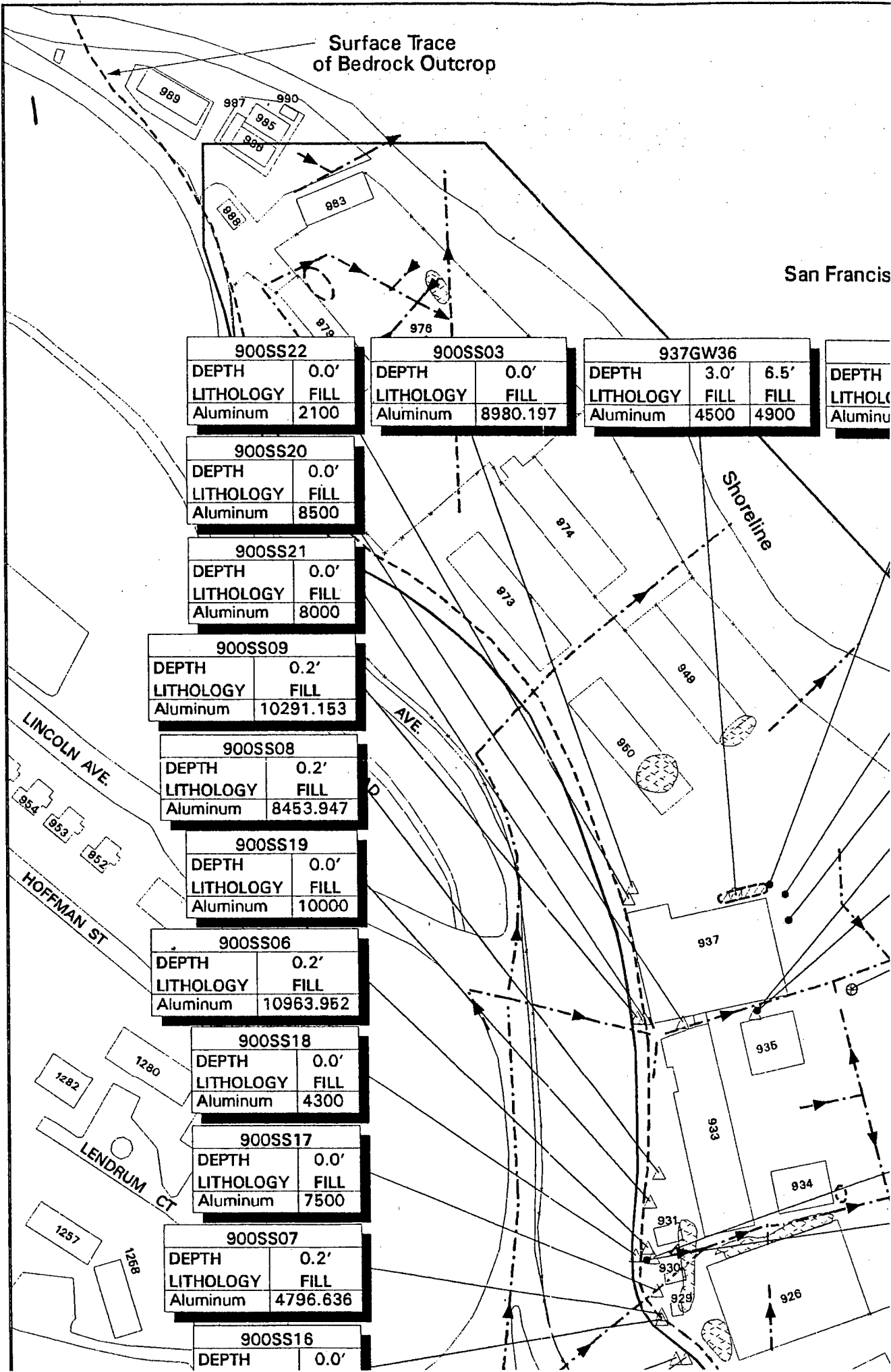
| 900SS06 | |
|-----------|-----------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Aluminum | 10963.952 |

| 900SS18 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 4300 |

| 900SS17 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 7500 |

| 900SS07 | |
|-----------|----------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Aluminum | 4796.636 |

| 900SS16 | |
|---------|------|
| DEPTH | 0.0' |



San Francisco Bay

| 937GW36 | | |
|-----------|------|------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Aluminum | 4500 | 4900 |

| 937SB16 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 4700 | 4500 |

| 937SB15 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 4700 | 4100 |

| 937SB14 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 4100 | 4600 |

| 937SB17 | |
|-----------|------|
| DEPTH | 2.5' |
| LITHOLOGY | FILL |
| Aluminum | 9600 |

| 900SS10 | |
|-----------|-----------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Aluminum | 10413.855 |

| 937GW38 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 4400 | 3600 |

| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 3500 | 3600 |

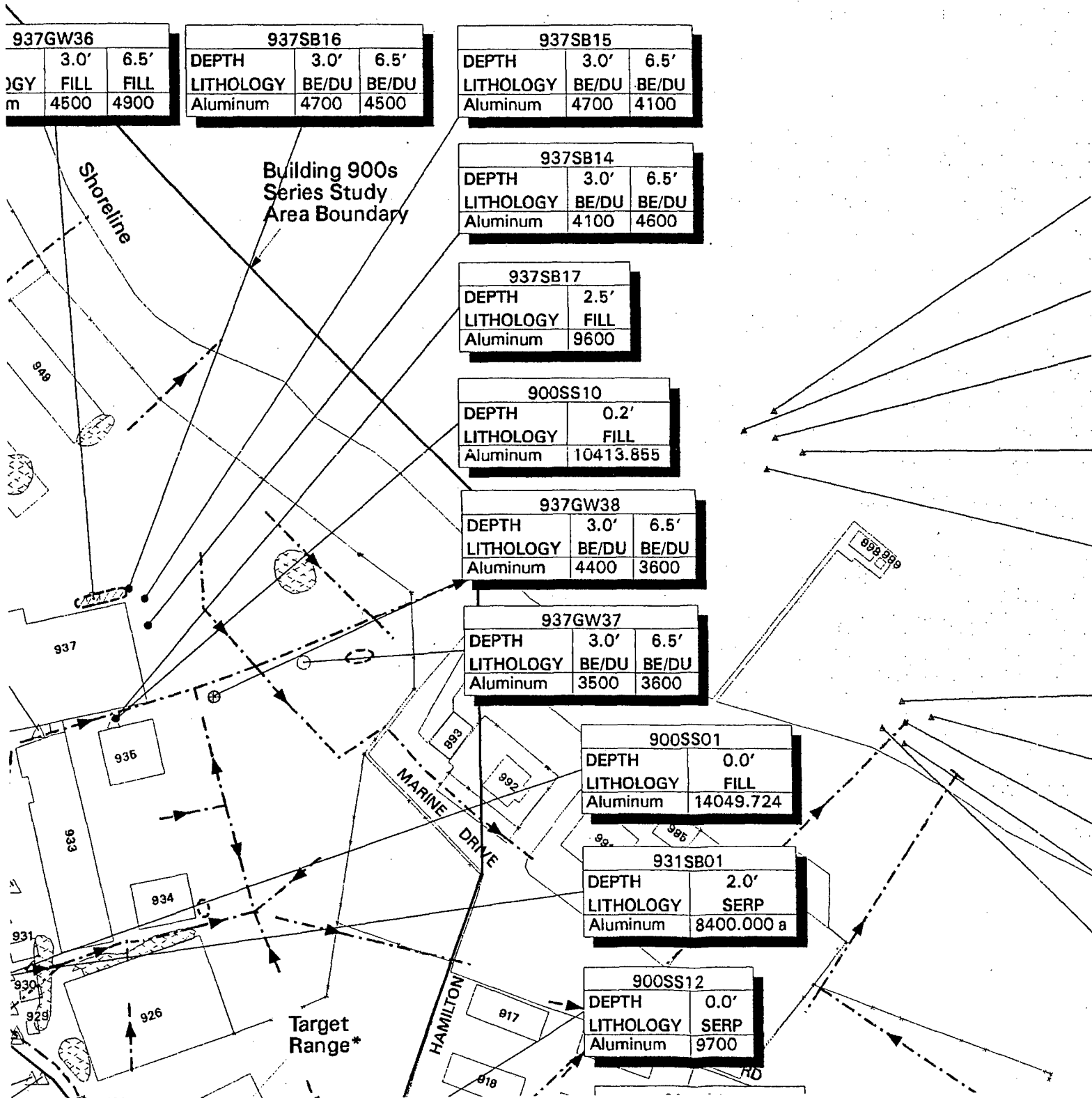
| 900SS01 | |
|-----------|-----------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 14049.724 |

| 931SB01 | |
|-----------|------------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Aluminum | 8400.000 a |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Aluminum | 9700 |

Building 900s
Series Study
Area Boundary

Target
Range*



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4670 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 3340 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4460 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 3170 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4930 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4850 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 6030 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4880 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 5420 |

4

26 Dec 96 11:39:49 Thursday, base_11x17_v3.xml, plotfile base_B920-37_S_1.apr, PDF

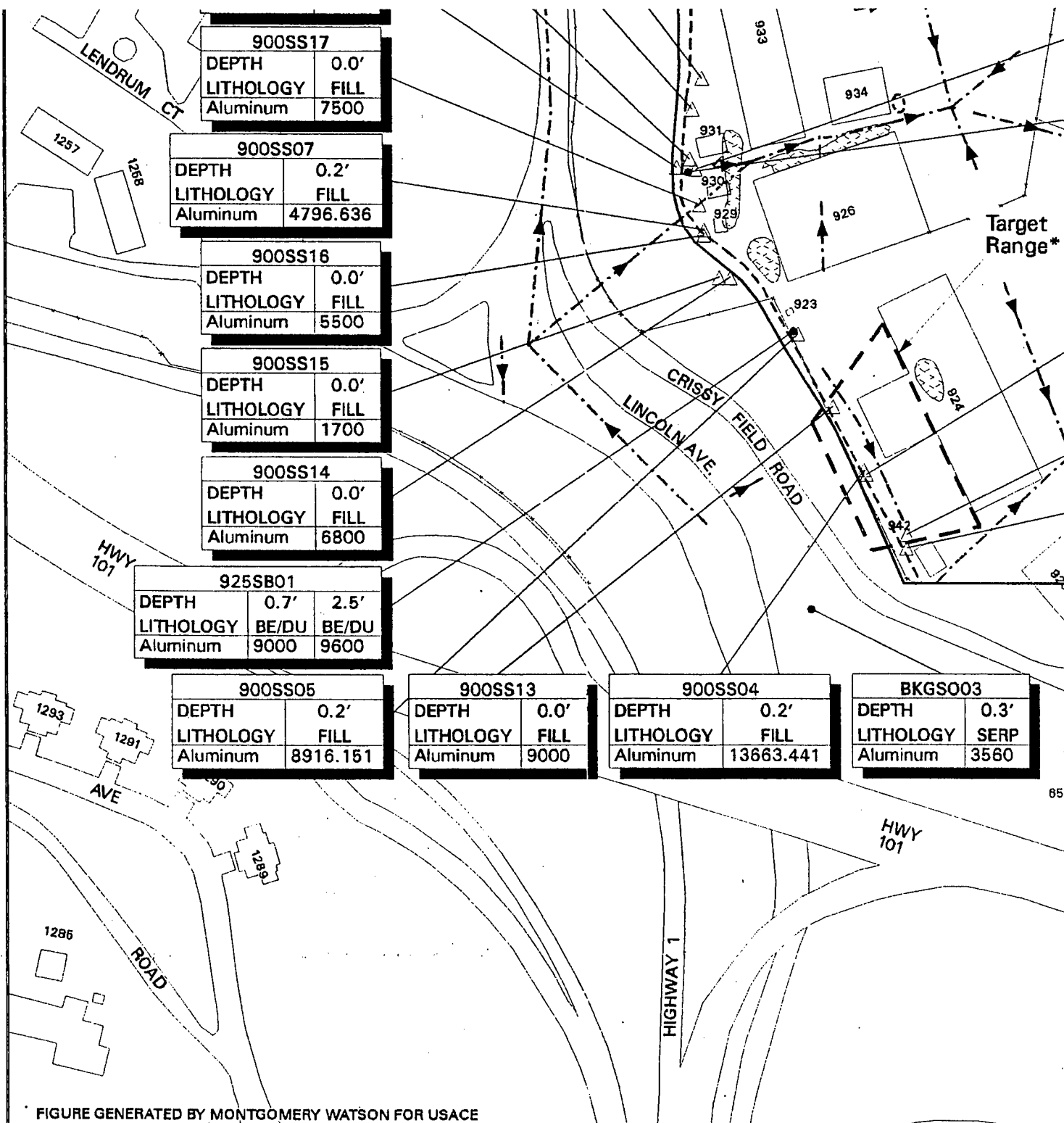
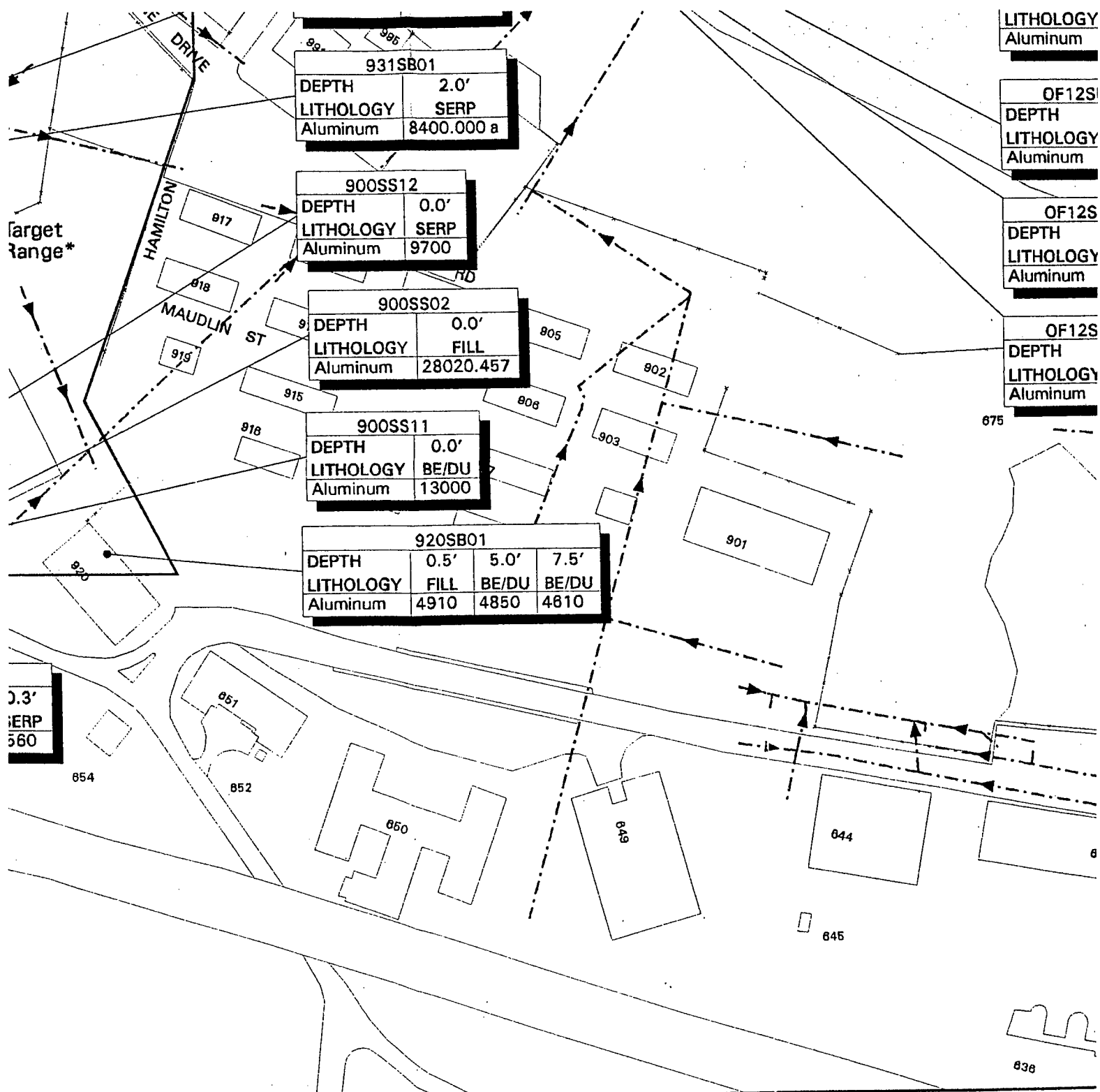


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



6

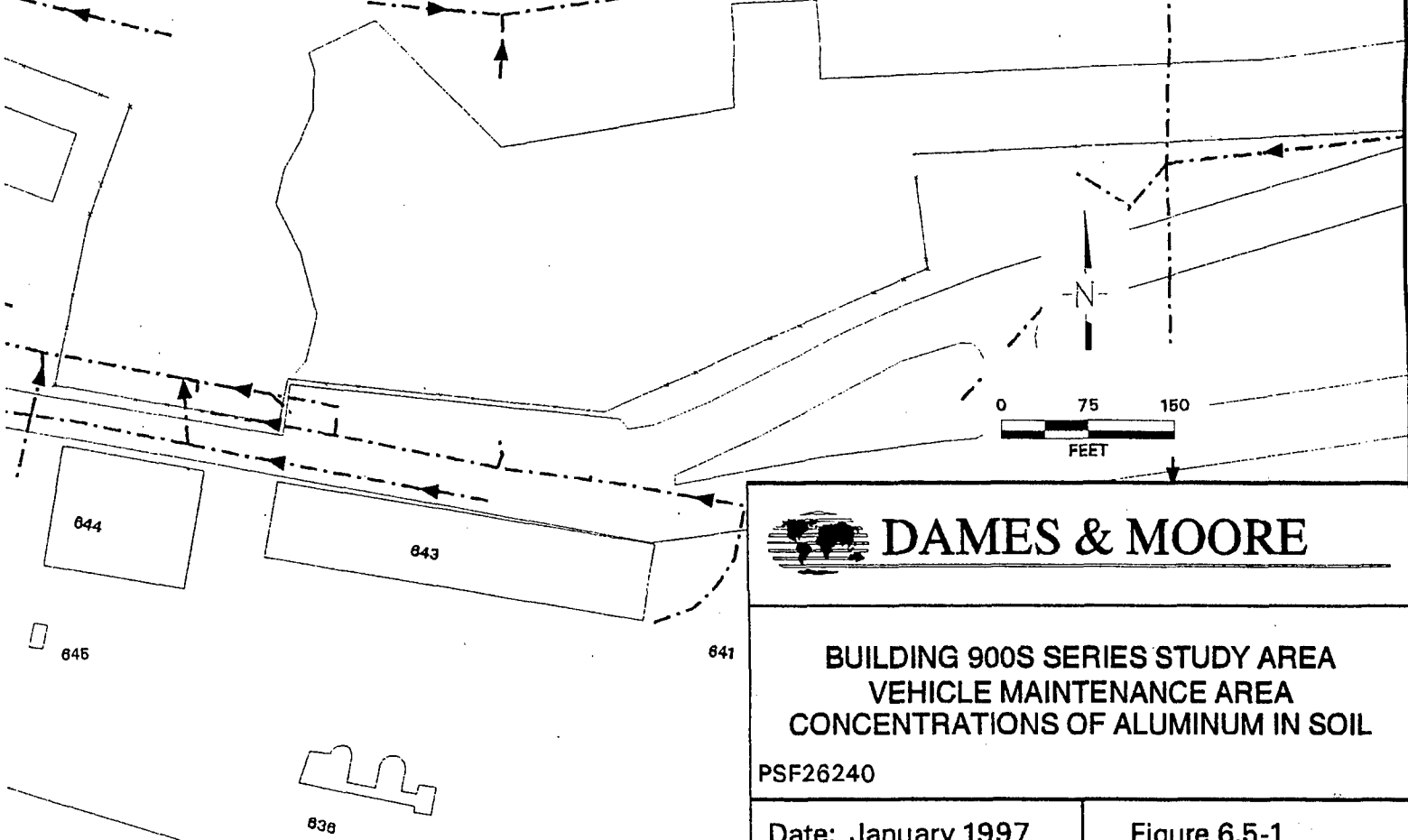
| | |
|-----------|------|
| OF12SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 6030 |

| | |
|-----------|------|
| OF12SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4880 |

| | |
|-----------|------|
| OF12SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 5420 |

| | |
|-----------|------|
| OF12SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 2310 |

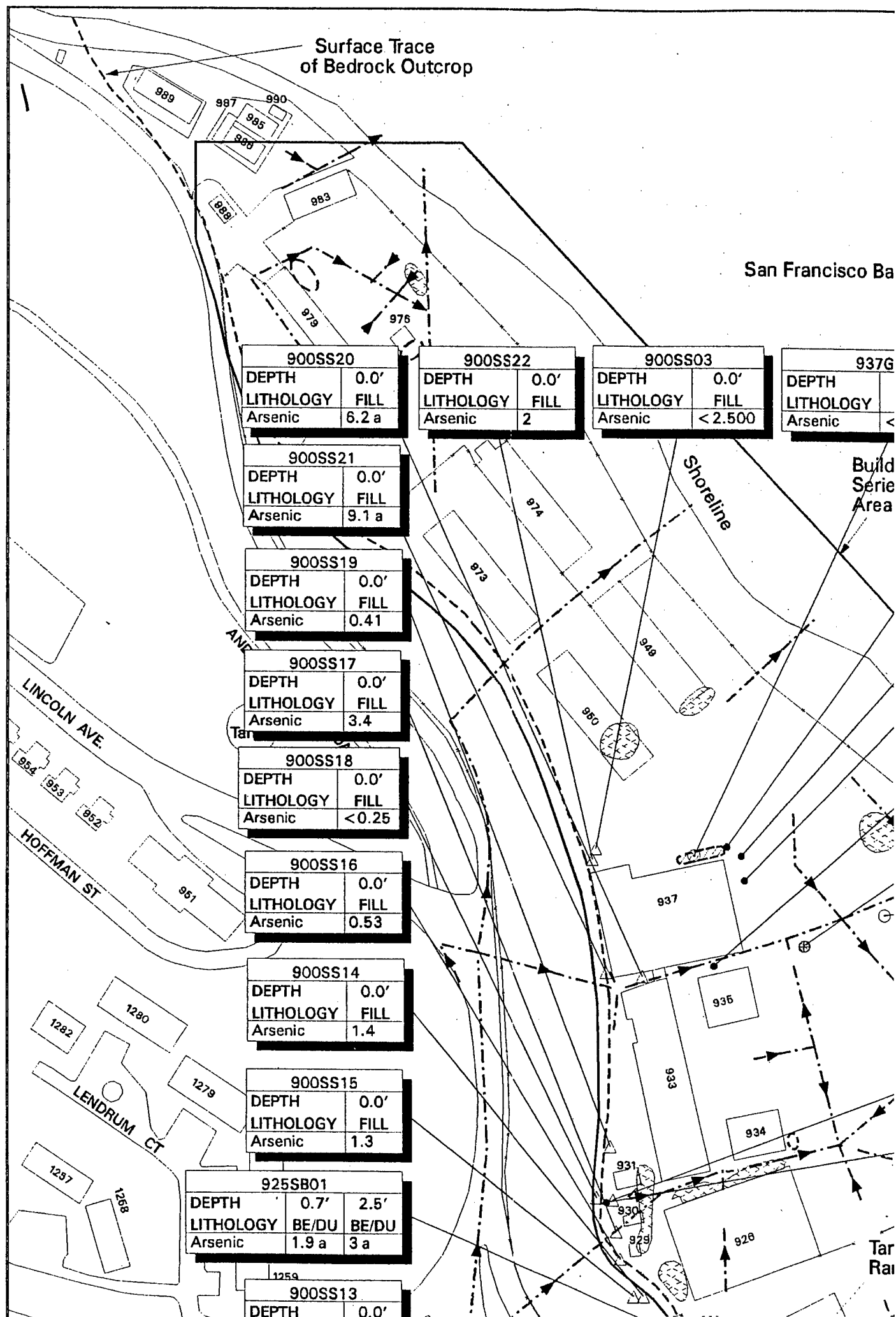
675



**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF ALUMINUM IN SOIL**

PSF26240

| | |
|--------------------|--------------|
| Date: January 1997 | Figure 6.5-1 |
|--------------------|--------------|



San Francisco Bay

| | | | | | | |
|--------|-----------|-------|------|-----------|-------|-------|
| 33 | 937GW36 | | | 937SB16 | | |
| 0.0' | DEPTH | 3.0' | 6.5' | DEPTH | 3.0' | 6.5' |
| FILL | LITHOLOGY | FILL | FILL | LITHOLOGY | BE/DU | BE/DU |
| <2.500 | Arsenic | <0.25 | 0.6 | Arsenic | 1.2 | 0.57 |

Building 900s
Series Study
Area Boundary

| | | |
|-----------|-------|-------|
| 937SB15 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Arsenic | 0.95 | 1.1 |

| | | |
|-----------|-------|-------|
| 937SB14 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Arsenic | 3 | 1.4 |

| | | |
|-----------|------|------|
| 937SB17 | | |
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Arsenic | 2 | <1.2 |

| | | |
|-----------|-------|-------|
| 937GW38 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Arsenic | 1.5 | 2 |

| | | |
|-----------|-------|-------|
| 937GW37 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Arsenic | 1.1 | 5.6 |

| | |
|-----------|-------|
| 900SS01 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | 2.746 |

| | |
|-----------|-------|
| 931SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Arsenic | 1.360 |

| | |
|-----------|--------|
| 900SS02 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | <2.500 |

| | |
|---------|------|
| 900SS11 | |
| DEPTH | 0.0' |

Target
Range*

MARINE DRIVE

HAMILTON

933 939

935

934

928

893

932

917

918

913

MARINE

EXPLANATION

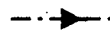
- ▲ ESAP SEDIMENT SAMPLE
 △ SURFACE SOIL SAMPLE
 • SOIL BORING
 ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
 ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 2.39 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.32 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.16 |

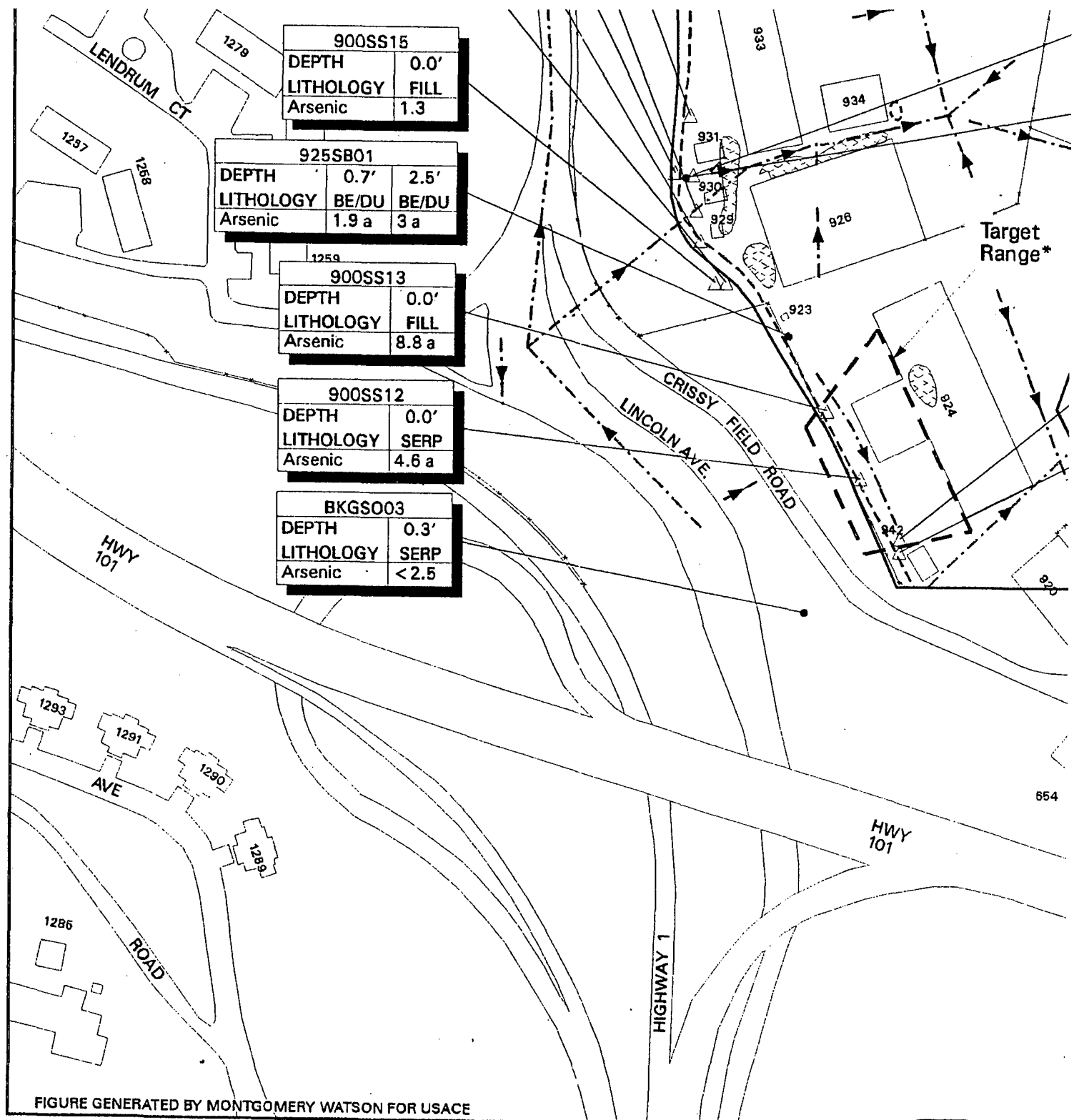
| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.16 |

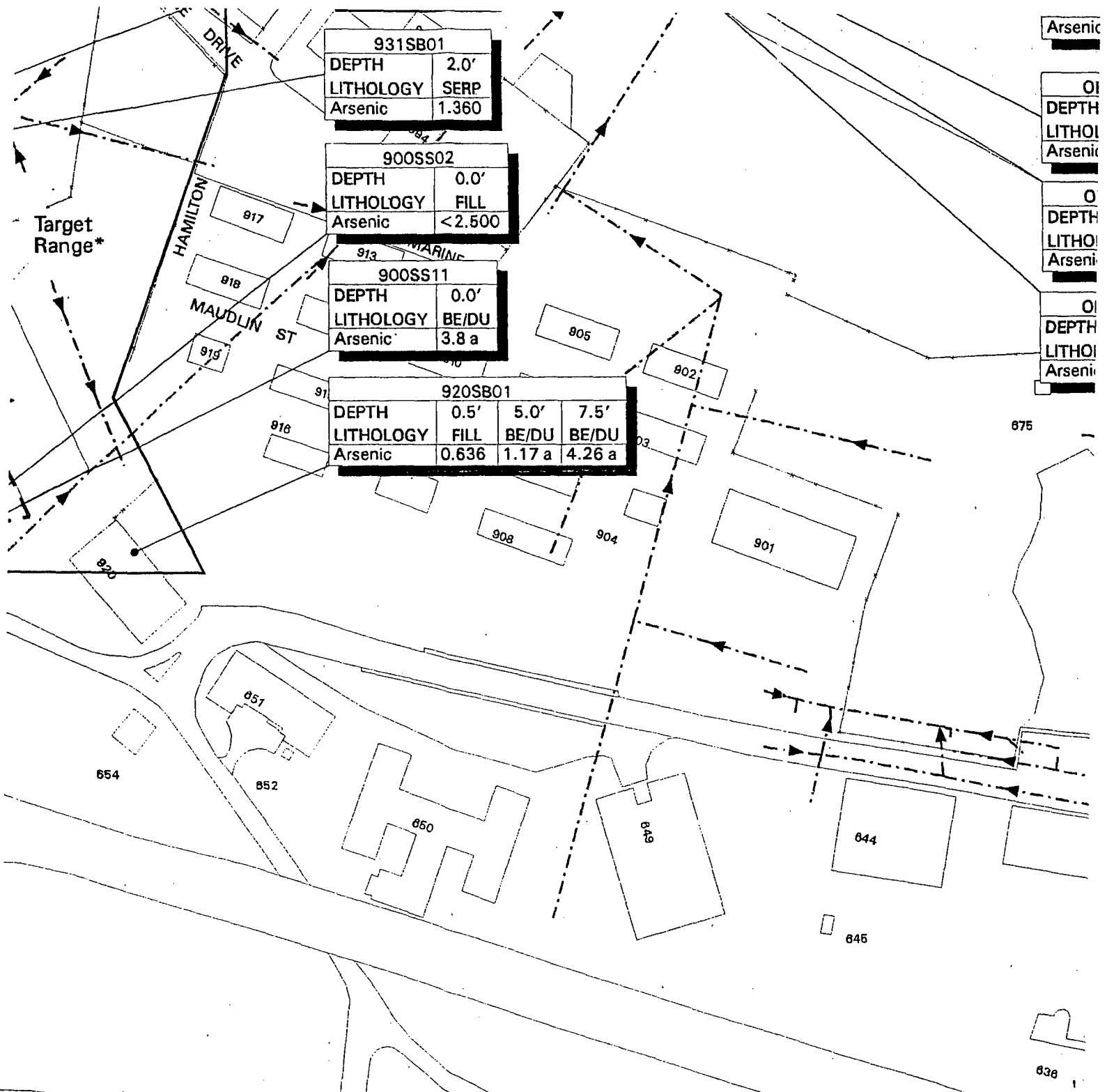
| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.22 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.43 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.05 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.06 |





6

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.16 |

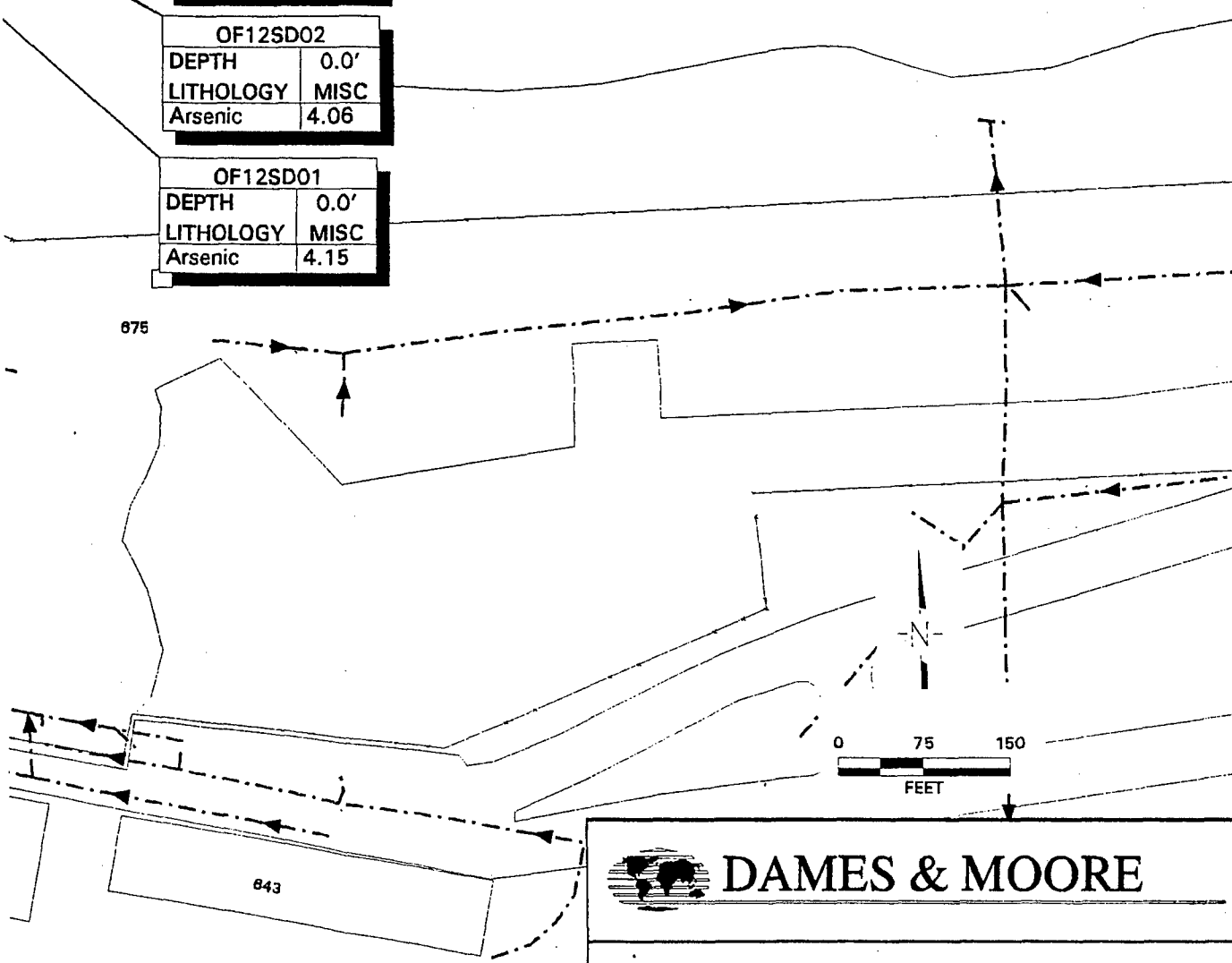
| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.22 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.43 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.05 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.06 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.15 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF ARSENIC IN SOIL**

PSF26241

Date: January 1997

Figure 6.5-2

Surface Trace
of Bedrock Outcrop

San Francisco Bay

| 900SS22 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 53 | |

| 900SS03 | | |
|-----------|---------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 108.961 | |

| 937GW36 | | | |
|-----------|------|------|--|
| DEPTH | 3.0' | 6.5' | |
| LITHOLOGY | FILL | FILL | |
| Barium | 10 | 16 | |

| 937SB16 | | |
|-----------|------|--|
| DEPTH | 3.0 | |
| LITHOLOGY | BE/C | |
| Barium | 8.9 | |

| 900SS20 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 430 | |

| 900SS21 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 560 | |

| 900SS09 | | |
|-----------|---------|--|
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Barium | 429.559 | |

| 900SS08 | | |
|-----------|--------|--|
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Barium | 97.047 | |

| 900SS19 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 96 | |

| 900SS06 | | |
|-----------|---------|--|
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Barium | 457.885 | |

| 900SS18 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 42 | |

| 900SS17 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Barium | 470 | |

| 900SS07 | | |
|-----------|------|--|
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |

Shoreline

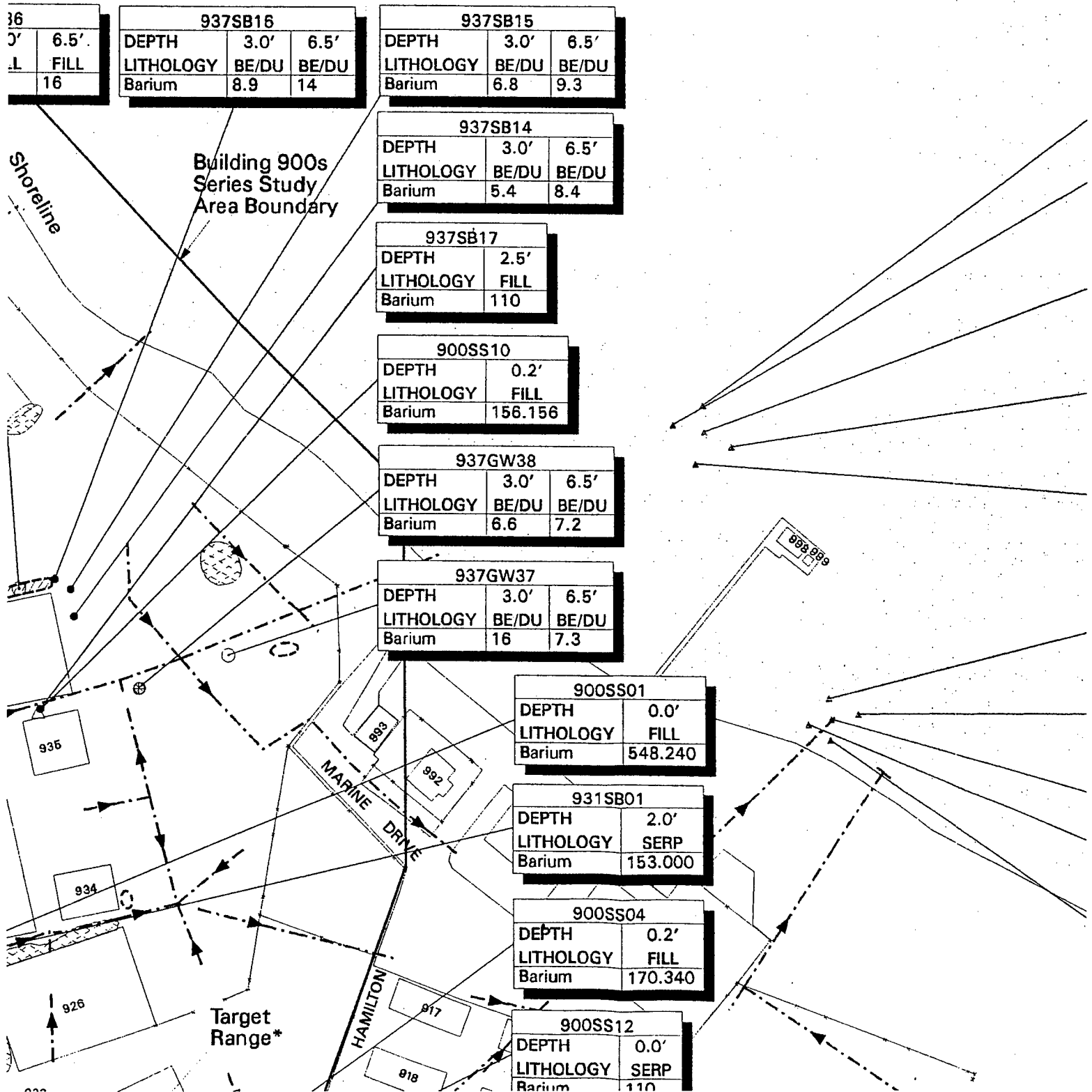
Building
Series S
Area B

LINCOLN AVE.






HOFFMAN ST

LENDRUM CT

Target Rang



EXPLANATION

-  ESAP SEDIMENT SAMPLE
 SURFACE SOIL SAMPLE
 SOIL BORING
 SHALLOW MONITORING WELL WITH SOIL SAMPLES
 DEEP MONITORING WELL WITH SOIL SAMPLES



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 8.91 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 7.14 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 7.9 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 5.3 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 23.4 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 9.66 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 15.3 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 11.2 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 13.5 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 11.4 |

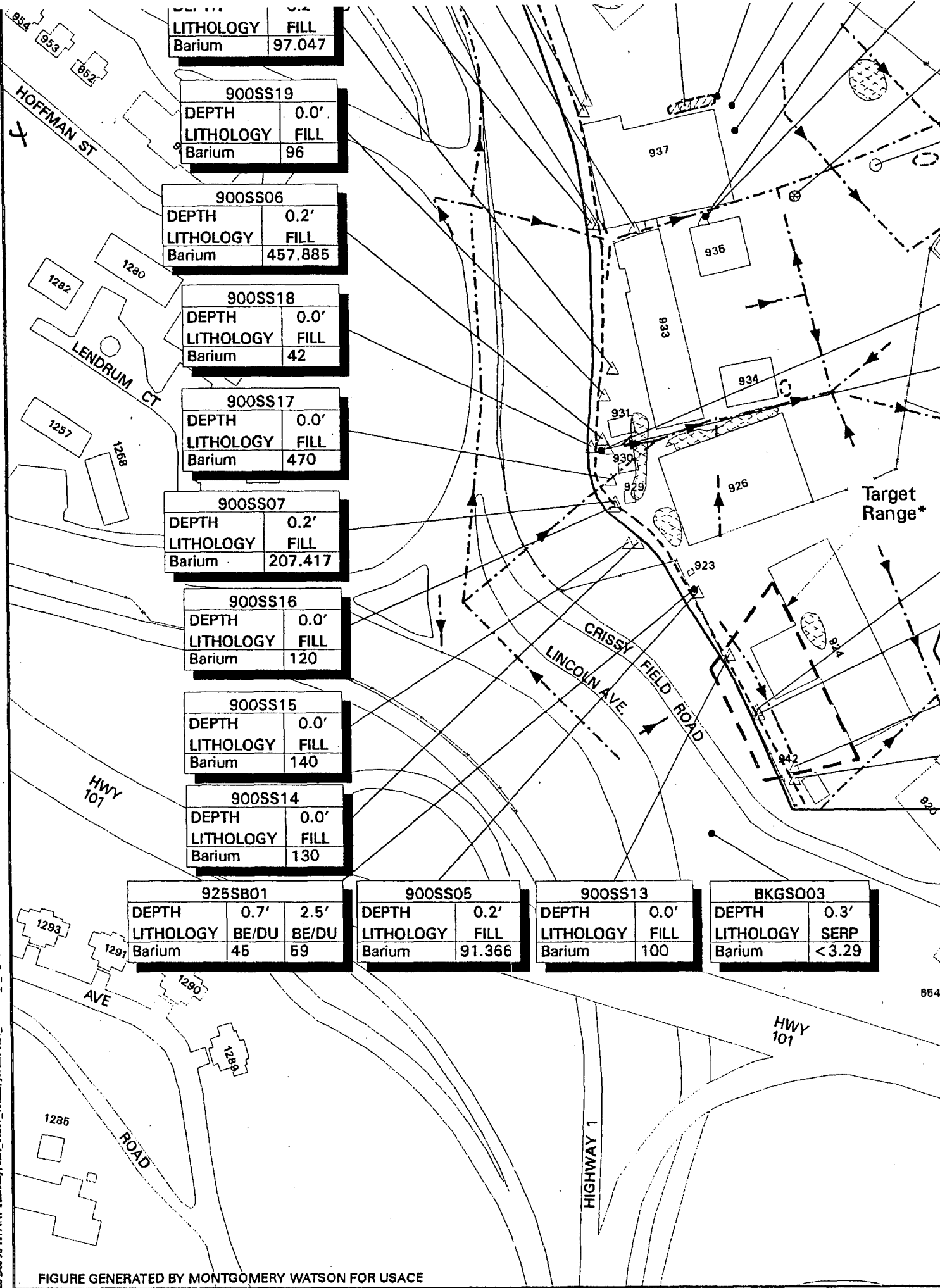


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

| DEPTH | 3.0 | 6.5 |
|-----------|-------|-------|
| LITHOLOGY | BE/DU | BE/DU |
| Barium | 6.6 | 7.2 |

| DEPTH | 0.0' |
|-----------|------|
| LITHOLOGY | MISC |
| Barium | 23.4 |

| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Barium | 16 | 7.3 |

| 900SS01 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Barium | 548.240 |

| 931SB01 | |
|-----------|---------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Barium | 153.000 |

| 900SS04 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Barium | 170.340 |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Barium | 110 |

| 900SS02 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Barium | 146.873 |

| 900SS11 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | BE/DU |
| Barium | 160 |

| 920SB01 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Barium | 11.7 | 17.1 | 10.2 |

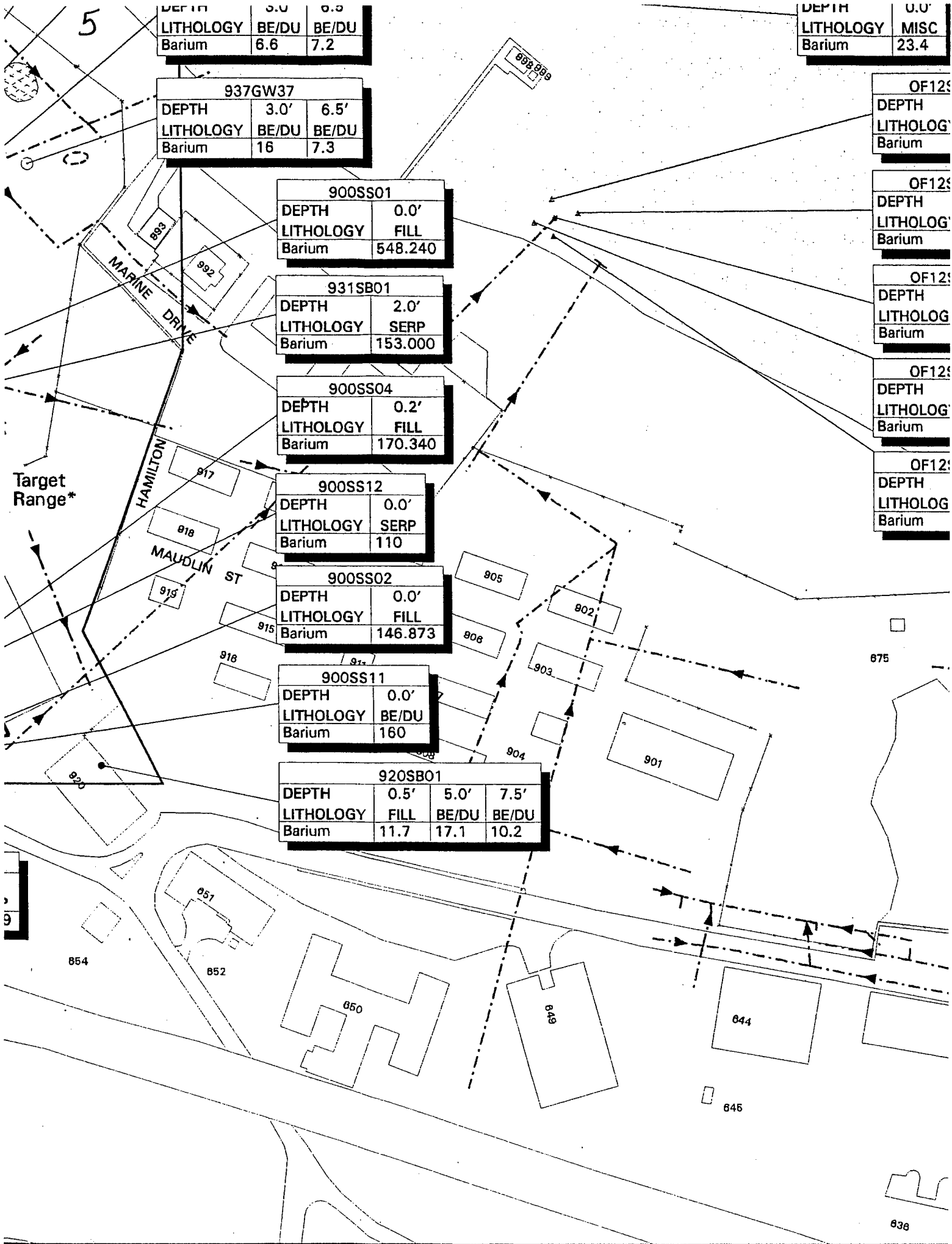
| OF129 | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Barium | |

| OF129 | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Barium | |

| OF129 | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Barium | |

| OF129 | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Barium | |

| OF129 | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Barium | |



| LITHOLOGY | MISC |
|-----------|------|
| Barium | 23.4 |

6

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 9.66 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 15.3 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 11.2 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 13.5 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Barium | 11.4 |

675

643

641

636

0 75 150
FEET



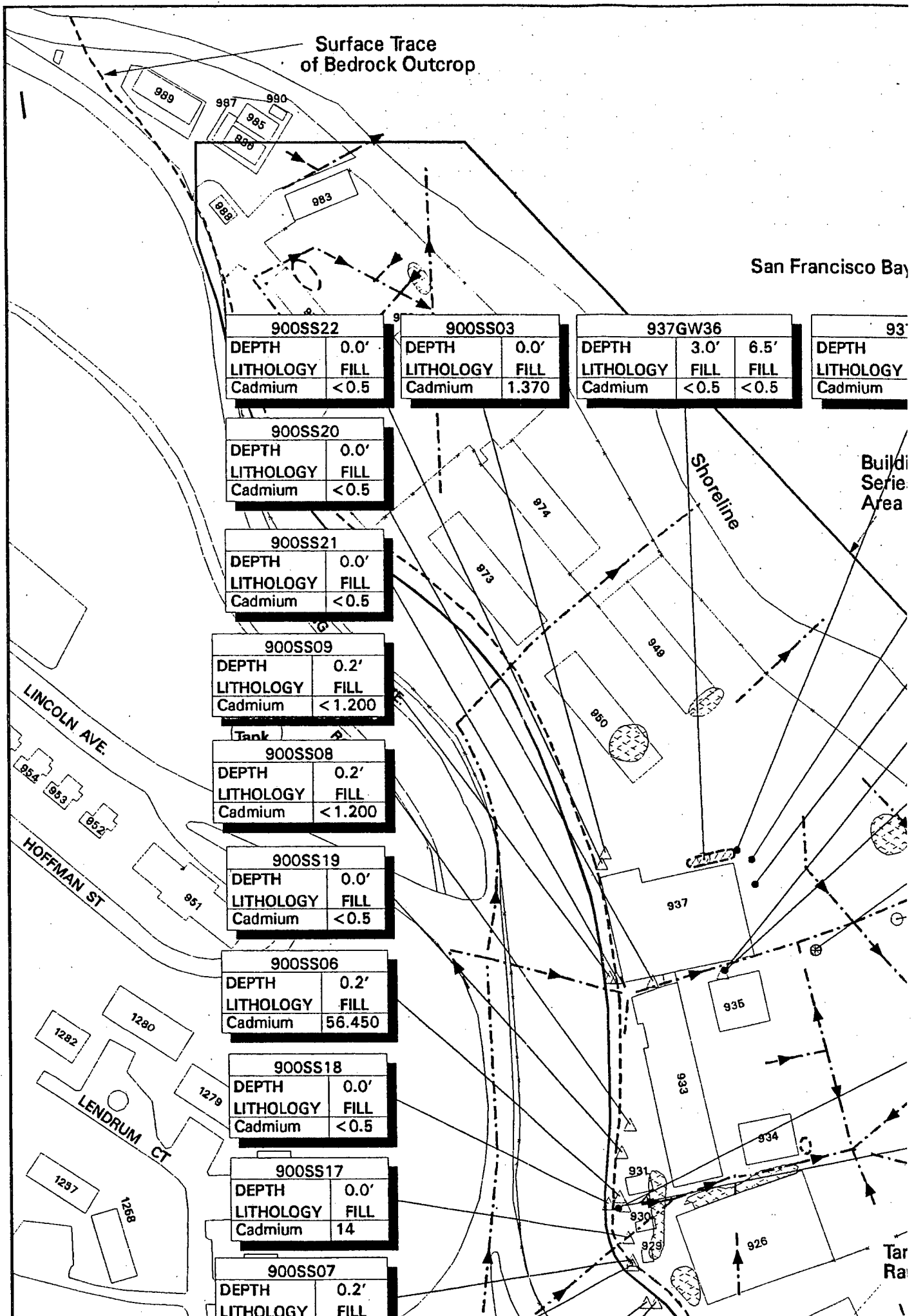
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF BARIUM IN SOIL**

PSF26242

Date: January 1997

Figure 6.5-3



San Francisco Bay

| 7GW36 | |
|-------|------|
| 3.0' | 6.5' |
| FILL | FILL |
| <0.5 | <0.5 |

| 937SB16 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.5 | <0.5 |

| 937SB15 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.5 | <0.5 |

| 937SB14 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.5 | <0.5 |

| 937SB17 | | |
|-----------|------|------|
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Cadmium | <0.5 | <0.5 |

| 900SS10 | |
|-----------|-------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Cadmium | 3.694 |

| 937GW38 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.5 | <0.5 |

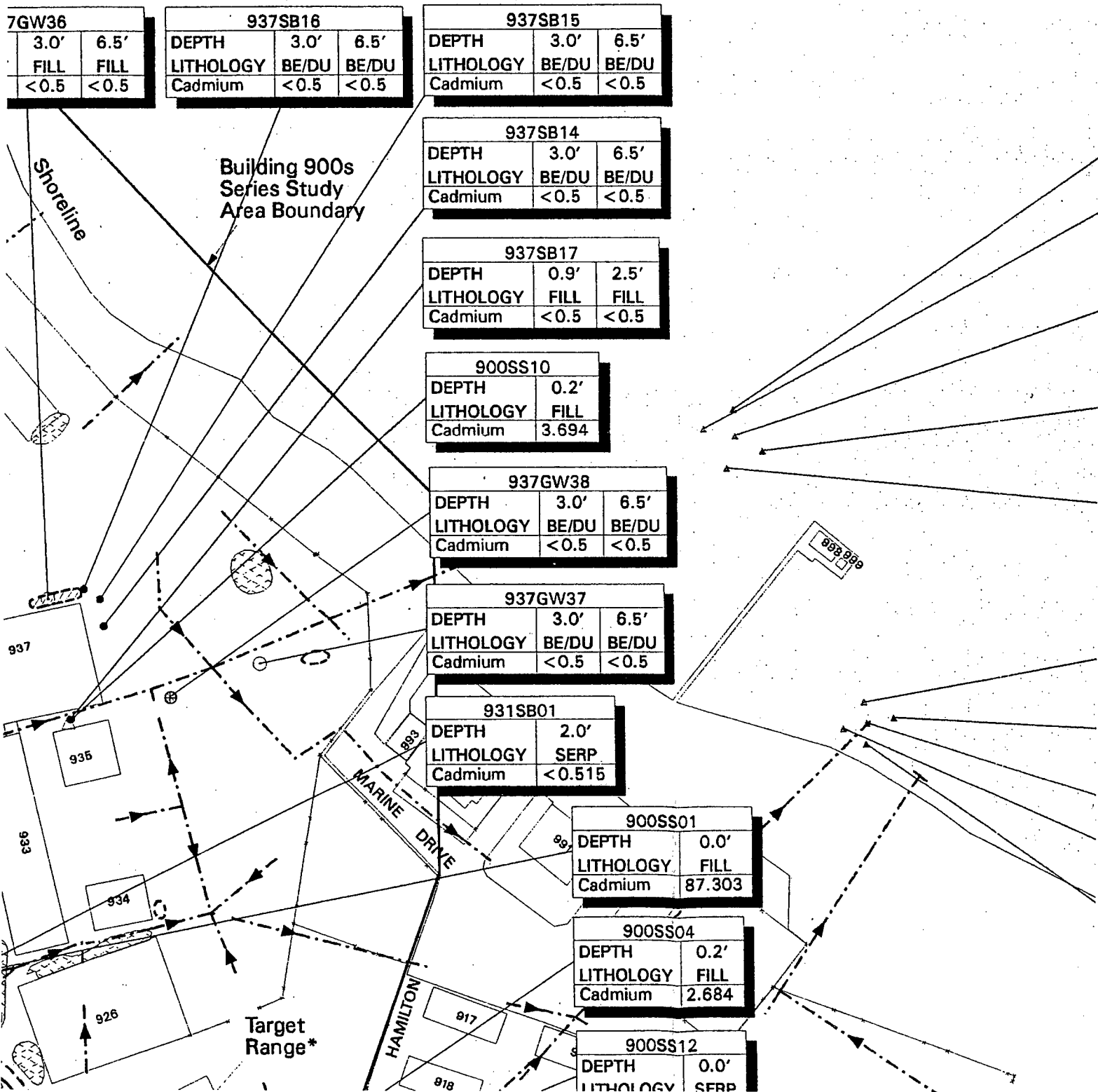
| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.5 | <0.5 |

| 931SB01 | |
|-----------|--------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Cadmium | <0.515 |




| 900SS01 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | 87.303 |

| 900SS04 | |
|-----------|-------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Cadmium | 2.684 |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

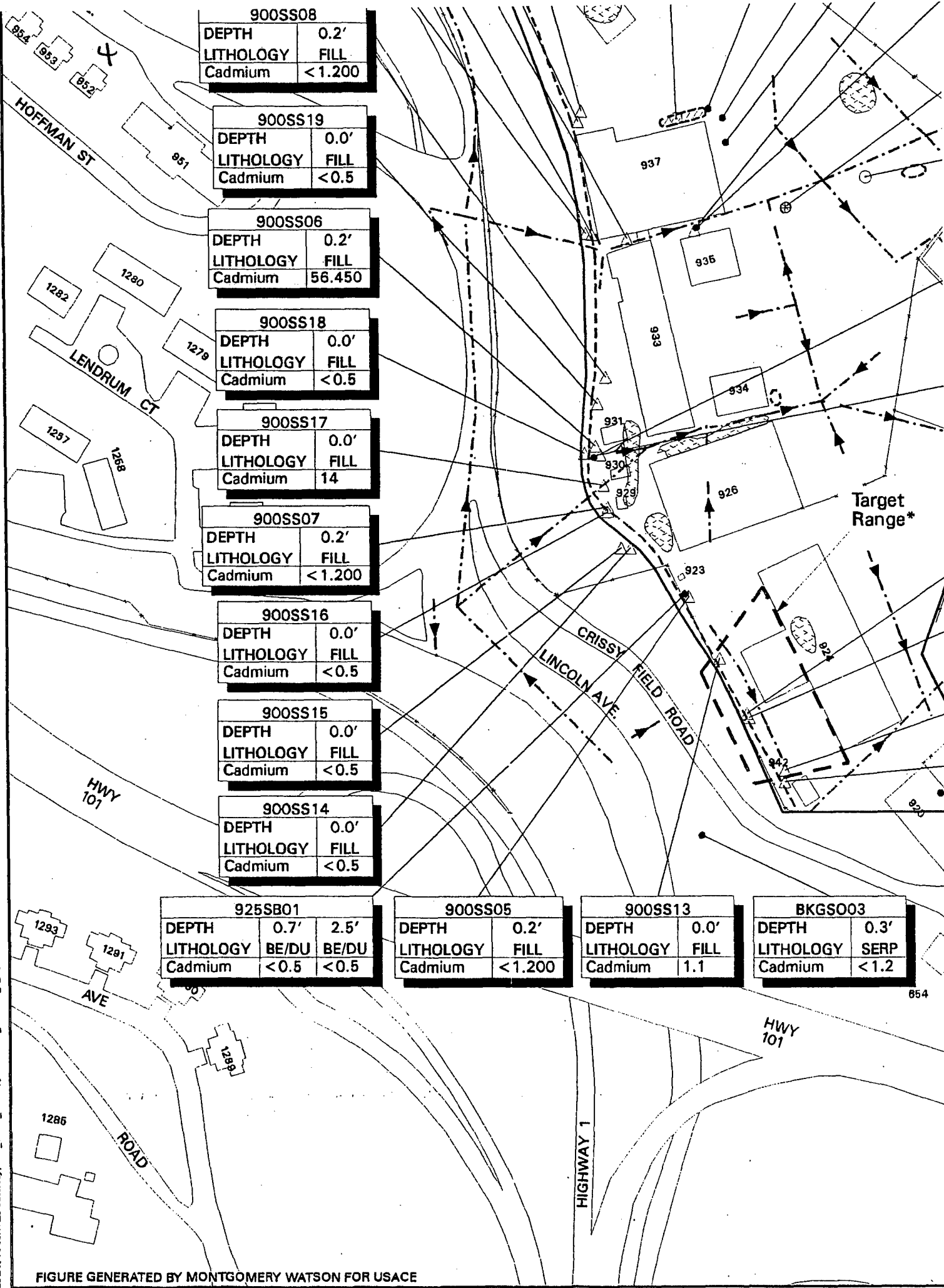


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

| 937GW38 | | | |
|-----------|-------|-------|--|
| DEPTH | 3.0' | 6.5' | |
| LITHOLOGY | BE/DU | BE/DU | |
| Cadmium | <0.5 | <0.5 | |

| 937GW37 | | | |
|-----------|-------|-------|--|
| DEPTH | 3.0' | 6.5' | |
| LITHOLOGY | BE/DU | BE/DU | |
| Cadmium | <0.5 | <0.5 | |

| 931SB01 | | |
|-----------|--------|--|
| DEPTH | 2.0' | |
| LITHOLOGY | SERP | |
| Cadmium | <0.515 | |

| 900SS01 | | |
|-----------|--------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cadmium | 87.303 | |

| 900SS04 | | |
|-----------|-------|--|
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Cadmium | 2.684 | |

| 900SS12 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | SERP | |
| Cadmium | <0.5 | |

| 900SS02 | | |
|-----------|-------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cadmium | 4.393 | |

| 900SS11 | | |
|-----------|-------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | BE/DU | |
| Cadmium | <0.5 | |

| 920SB01 | | | | |
|-----------|--------|--------|--------|--|
| DEPTH | 0.5' | 5.0' | 7.5' | |
| LITHOLOGY | FILL | BE/DU | BE/DU | |
| Cadmium | <0.800 | <0.800 | <0.800 | |

| OF13SD02 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Cadmium | <0.8 | |

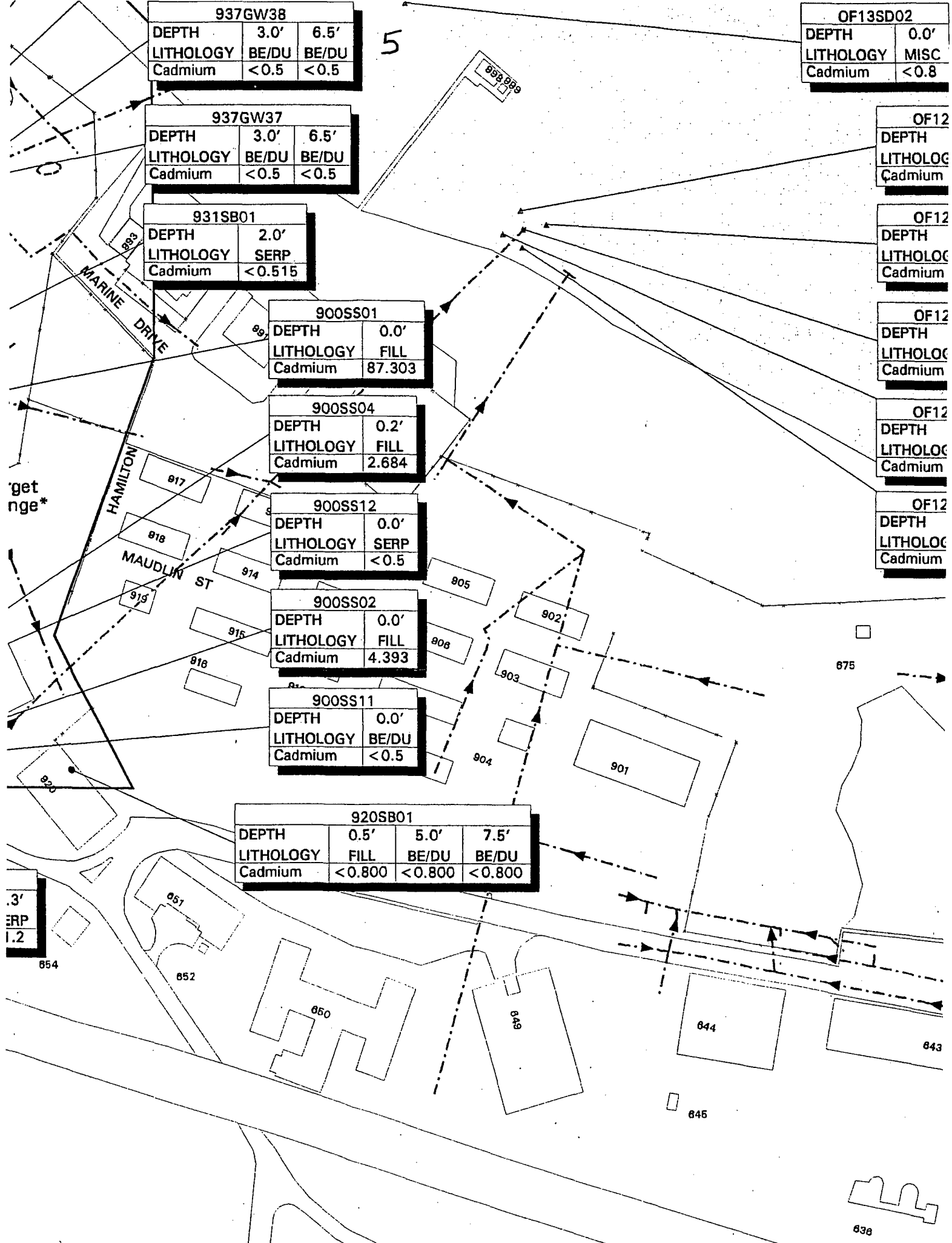
| OF12 | | |
|-----------|--|--|
| DEPTH | | |
| LITHOLOGY | | |
| Cadmium | | |

| OF12 | | |
|-----------|--|--|
| DEPTH | | |
| LITHOLOGY | | |
| Cadmium | | |

| OF12 | | |
|-----------|--|--|
| DEPTH | | |
| LITHOLOGY | | |
| Cadmium | | |

| OF12 | | |
|-----------|--|--|
| DEPTH | | |
| LITHOLOGY | | |
| Cadmium | | |

| OF12 | | |
|-----------|--|--|
| DEPTH | | |
| LITHOLOGY | | |
| Cadmium | | |



6

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

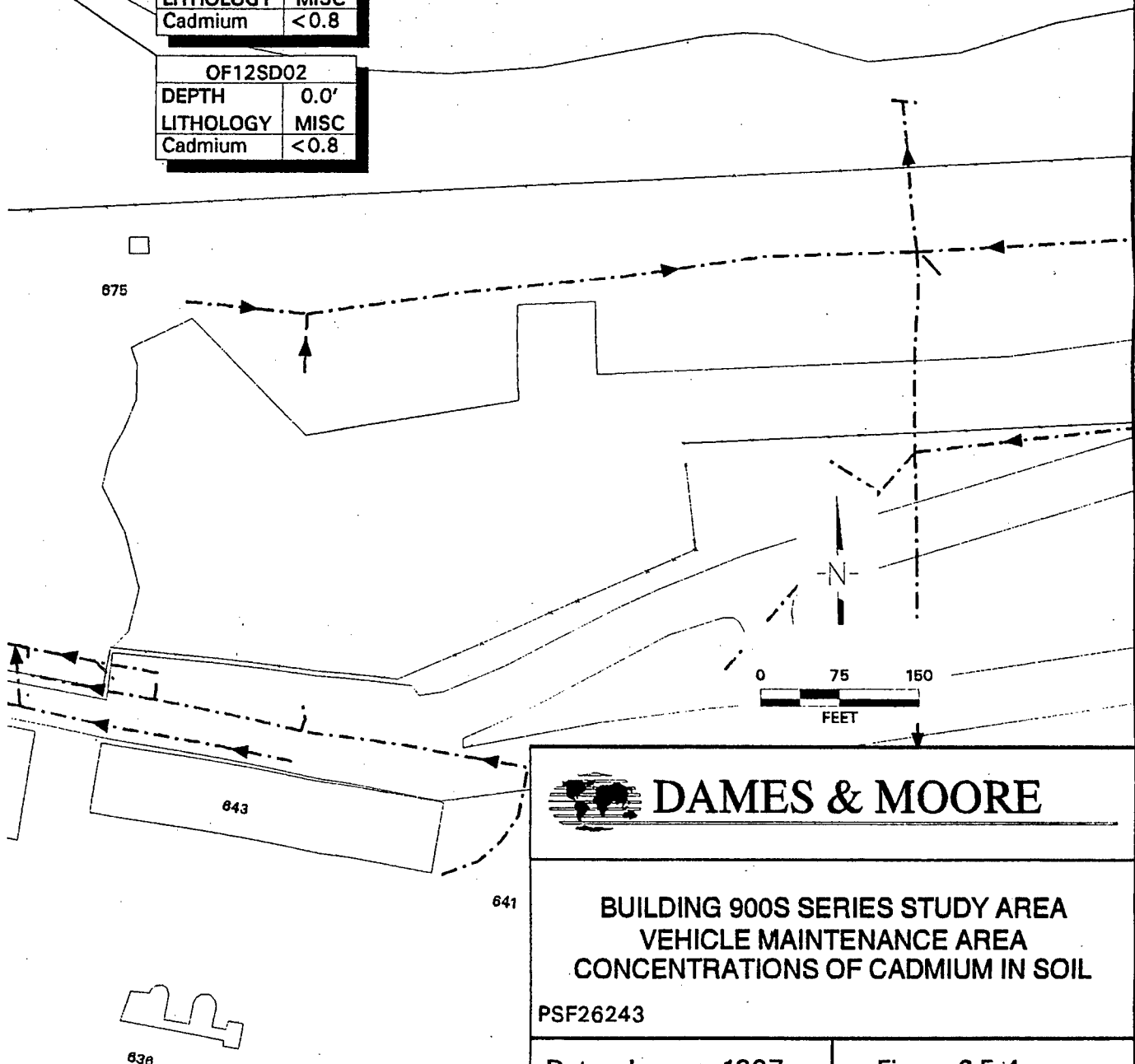
| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |



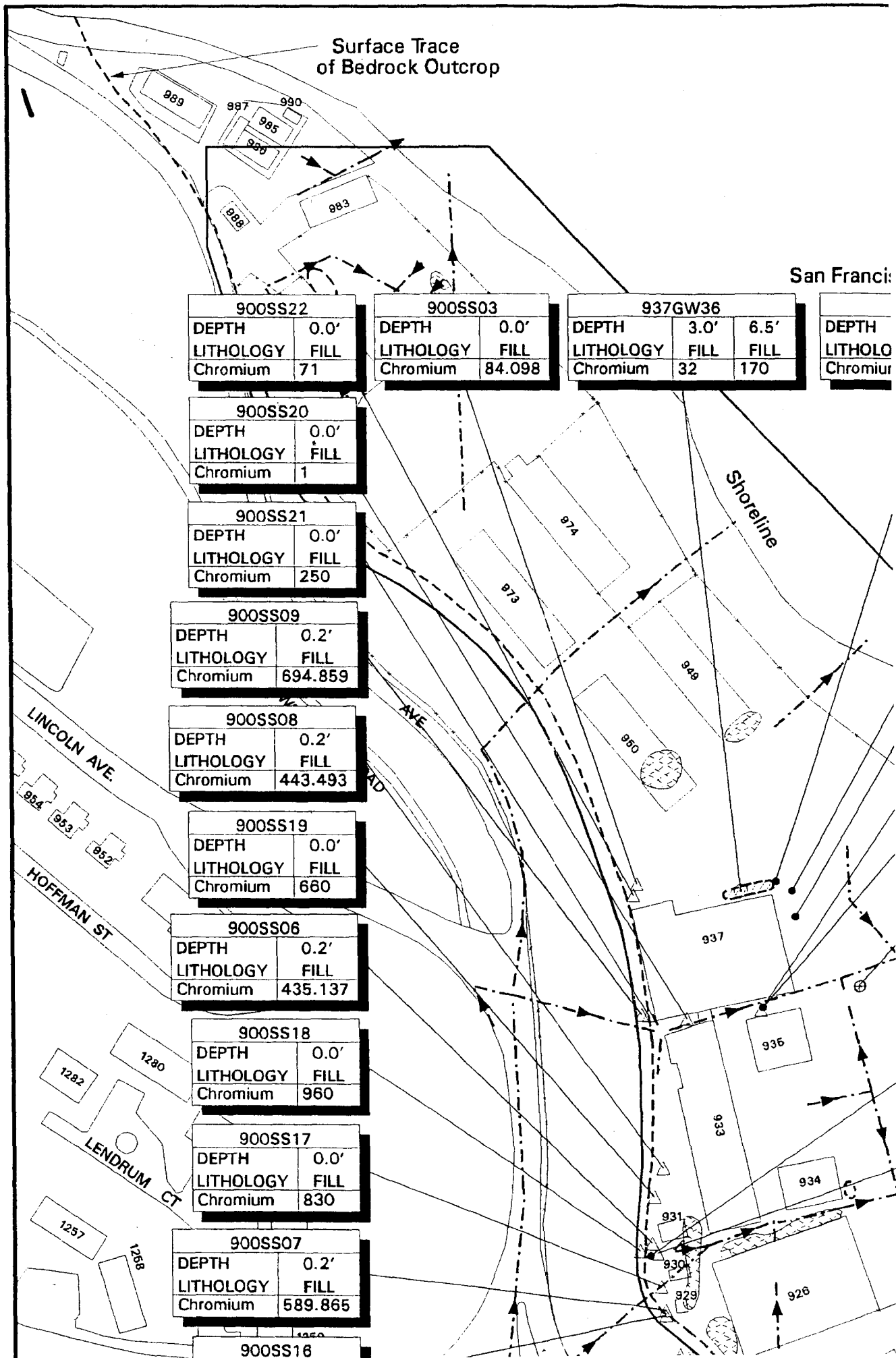
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF CADMIUM IN SOIL**

PSF26243

Date: January 1997

Figure 6.5-4



Surface Trace
of Bedrock Outcrop

San Francisco

| 900SS22 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 71 |

| 900SS03 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 84.098 |

| 937GW36 | | |
|-----------|------|------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Chromium | 32 | 170 |

| | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Chromium | |

| 900SS20 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 1 |

| 900SS21 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 250 |

| 900SS09 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 694.859 |

| 900SS08 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 443.493 |

| 900SS19 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 660 |

| 900SS06 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 435.137 |

| 900SS18 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 960 |

| 900SS17 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 830 |

| 900SS07 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 589.865 |

900SS16

San Francisco Bay

| 93W36 | |
|-------|------|
| 3.0' | 6.5' |
| FILL | FILL |
| 32 | 170 |

| 937SB16 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 46 | 74 |

| 937SB15 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 36 | 81 |

| 937SB14 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 28 | 92 |

| 937SB17 | | |
|-----------|------|------|
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Chromium | 70 | 420 |

| 900SS10 | |
|-----------|--------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 88.199 |

| 937GW38 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 32 | 46 |

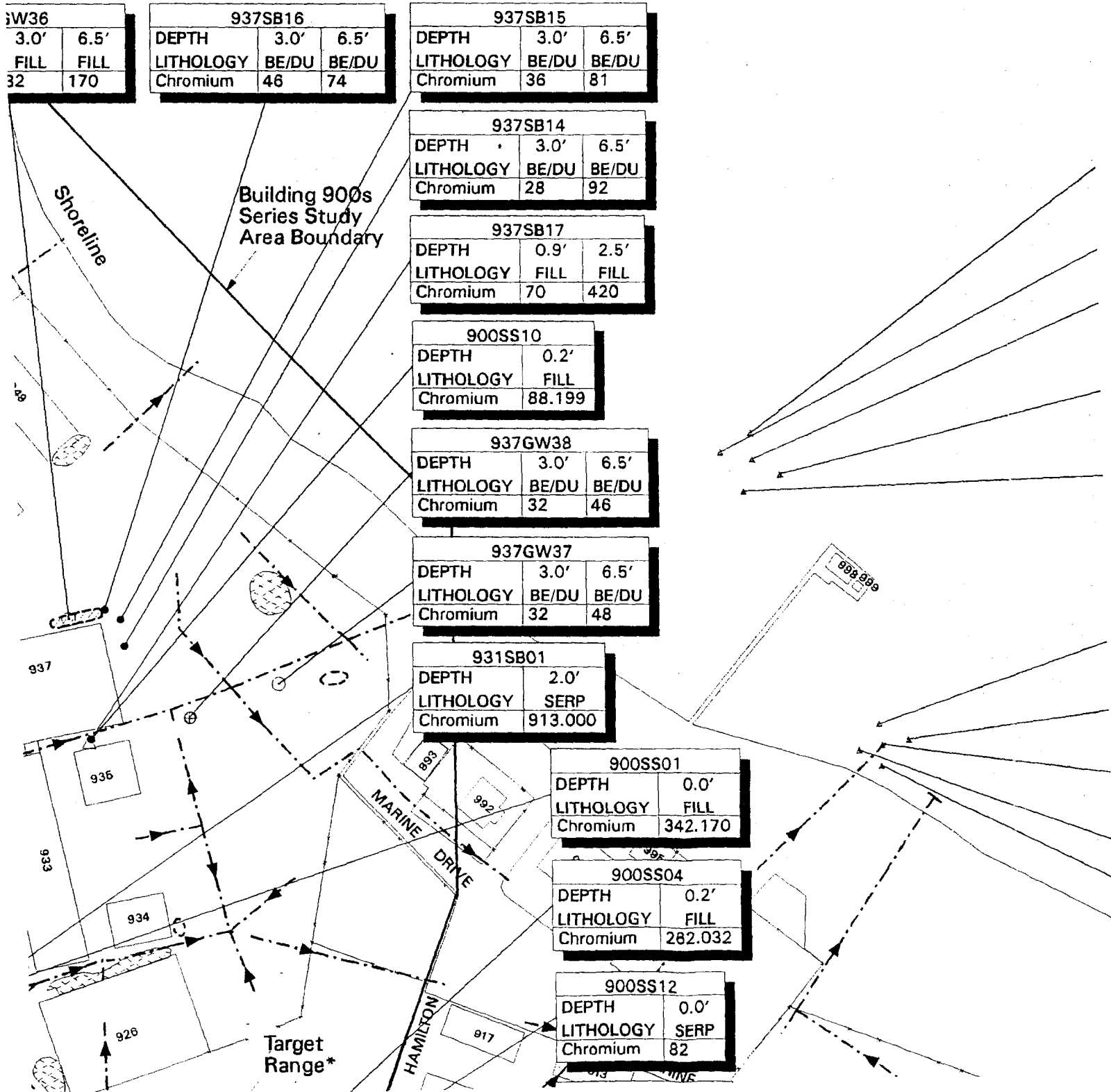
| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 32 | 48 |

| 931SB01 | |
|-----------|---------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Chromium | 913.000 |

| 900SS01 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 342.170 |

| 900SS04 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 282.032 |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Chromium | 82 |



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 27 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 50.4 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 54.7 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 34.5 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 31.4 |

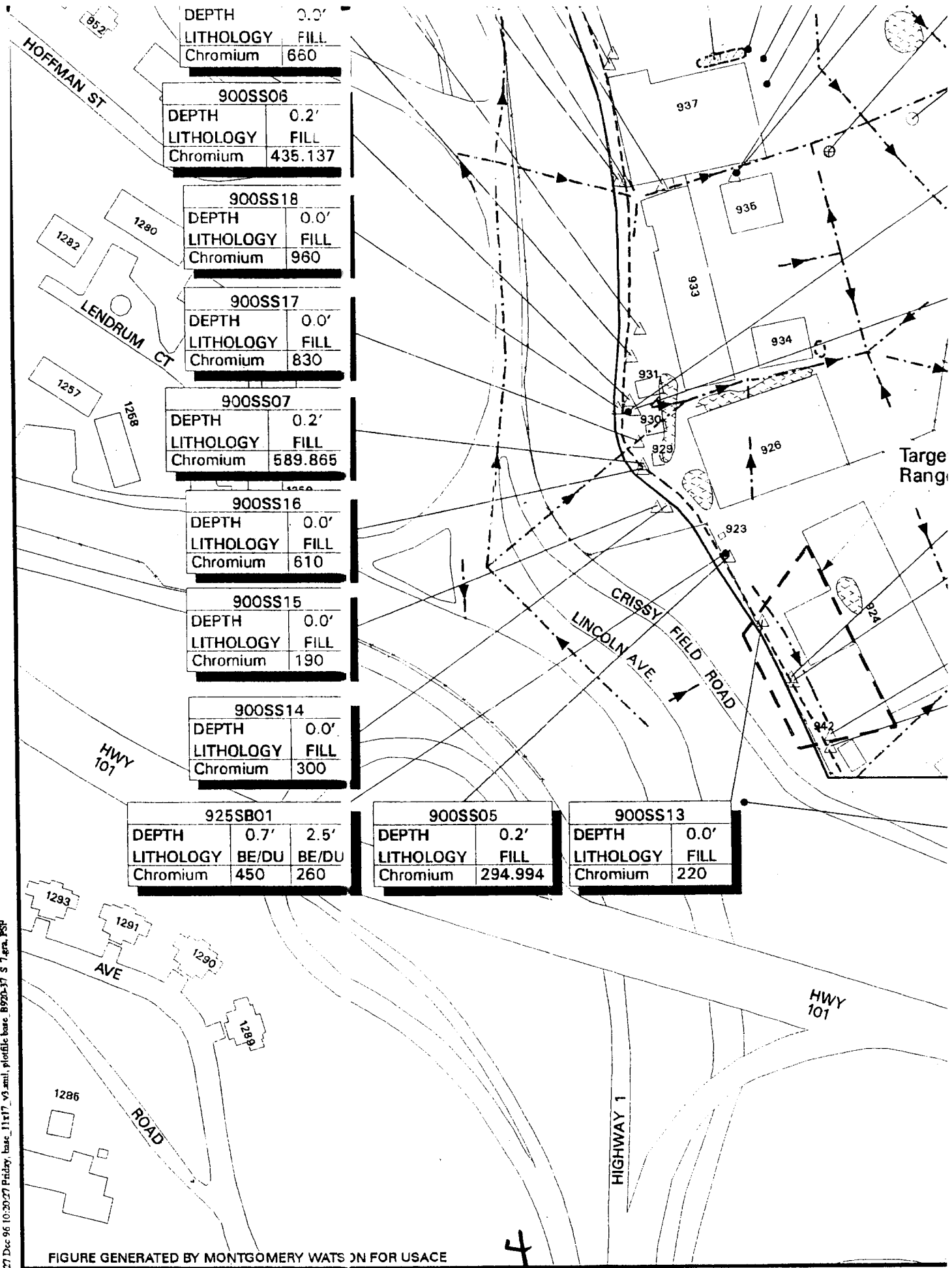
| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 38.8 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 54.4 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 34.1 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 47.1 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 38.9 |



| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 660 |

| | |
|-----------|---------|
| 900SS06 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 435.137 |

| | |
|-----------|------|
| 900SS18 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 960 |

| | |
|-----------|------|
| 900SS17 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 830 |

| | |
|-----------|---------|
| 900SS07 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 589.865 |

| | |
|-----------|------|
| 900SS16 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 610 |

| | |
|-----------|------|
| 900SS15 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 190 |

| | |
|-----------|------|
| 900SS14 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 300 |

| | | |
|-----------|-------|-------|
| 925SB01 | | |
| DEPTH | 0.7' | 2.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 450 | 260 |

| | |
|-----------|---------|
| 900SS05 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 294.994 |

| | |
|-----------|------|
| 900SS13 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 220 |

27 Dec 96 10:30:27 Friday, base_11147_v3.aml, profile base_8920-17 S 7.4m, POS

| | | |
|-----------|-------|-------|
| 937GW37 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 32 | 48 |

| | |
|-----------|---------|
| 931SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Chromium | 913.000 |

| | |
|-----------|---------|
| 900S 01 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 342.170 |

| | |
|-----------|---------|
| 900SS04 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Chromium | 282.032 |

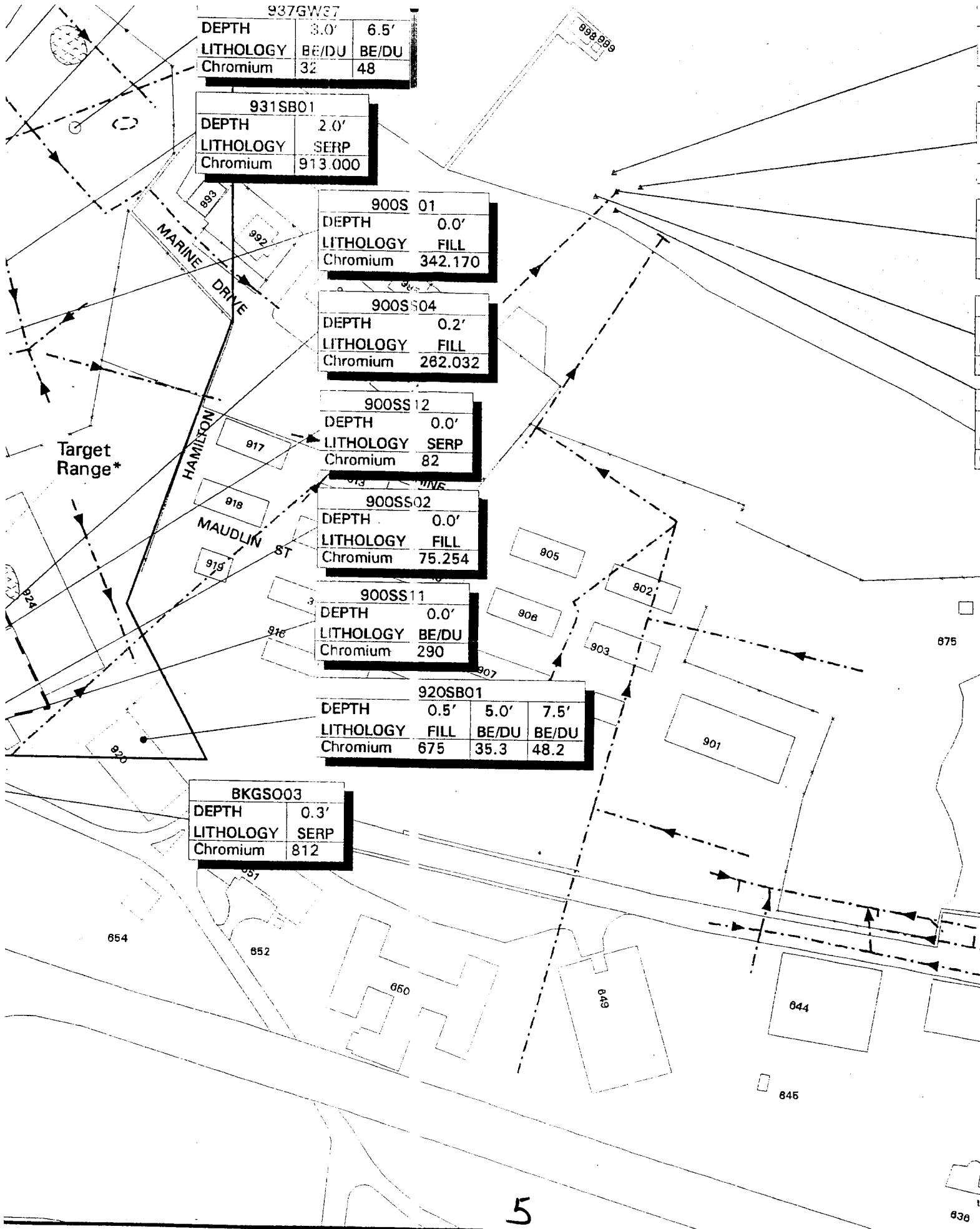
| | |
|-----------|------|
| 900SS12 | |
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Chromium | 82 |

| | |
|-----------|--------|
| 900SS02 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 75.254 |

| | |
|-----------|-------|
| 900SS11 | |
| DEPTH | 0.0' |
| LITHOLOGY | BE/DU |
| Chromium | 290 |

| | | | |
|-----------|------|-------|-------|
| 920SB01 | | | |
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Chromium | 675 | 35.3 | 48.2 |

| | |
|-----------|------|
| BKGS003 | |
| DEPTH | 0.3' |
| LITHOLOGY | SERP |
| Chromium | 812 |



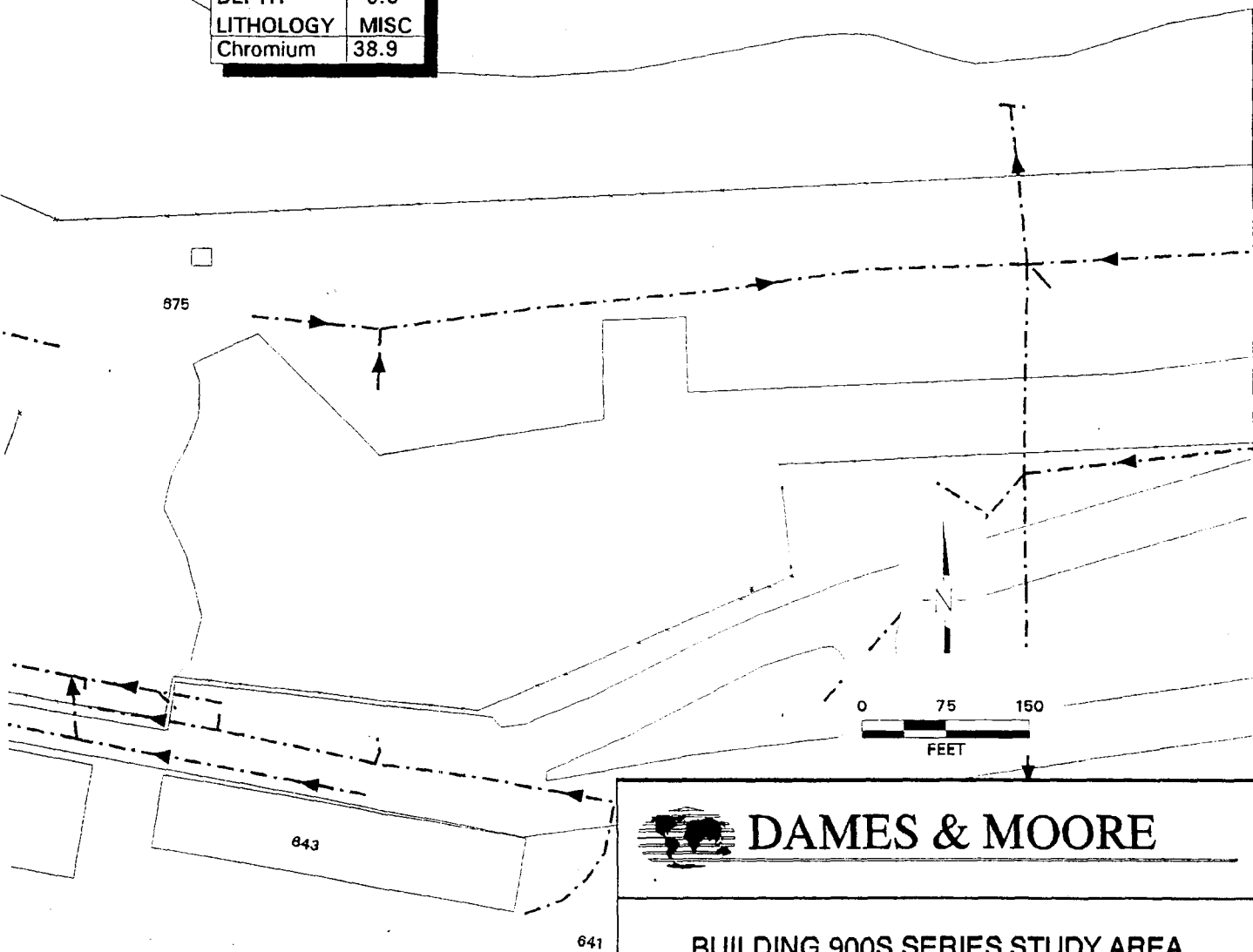
| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 38.8 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 54.4 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 34.1 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 47.1 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 38.9 |



DAMES & MOORE

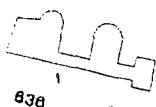
**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF CHROMIUM IN SOIL**

PSF26244

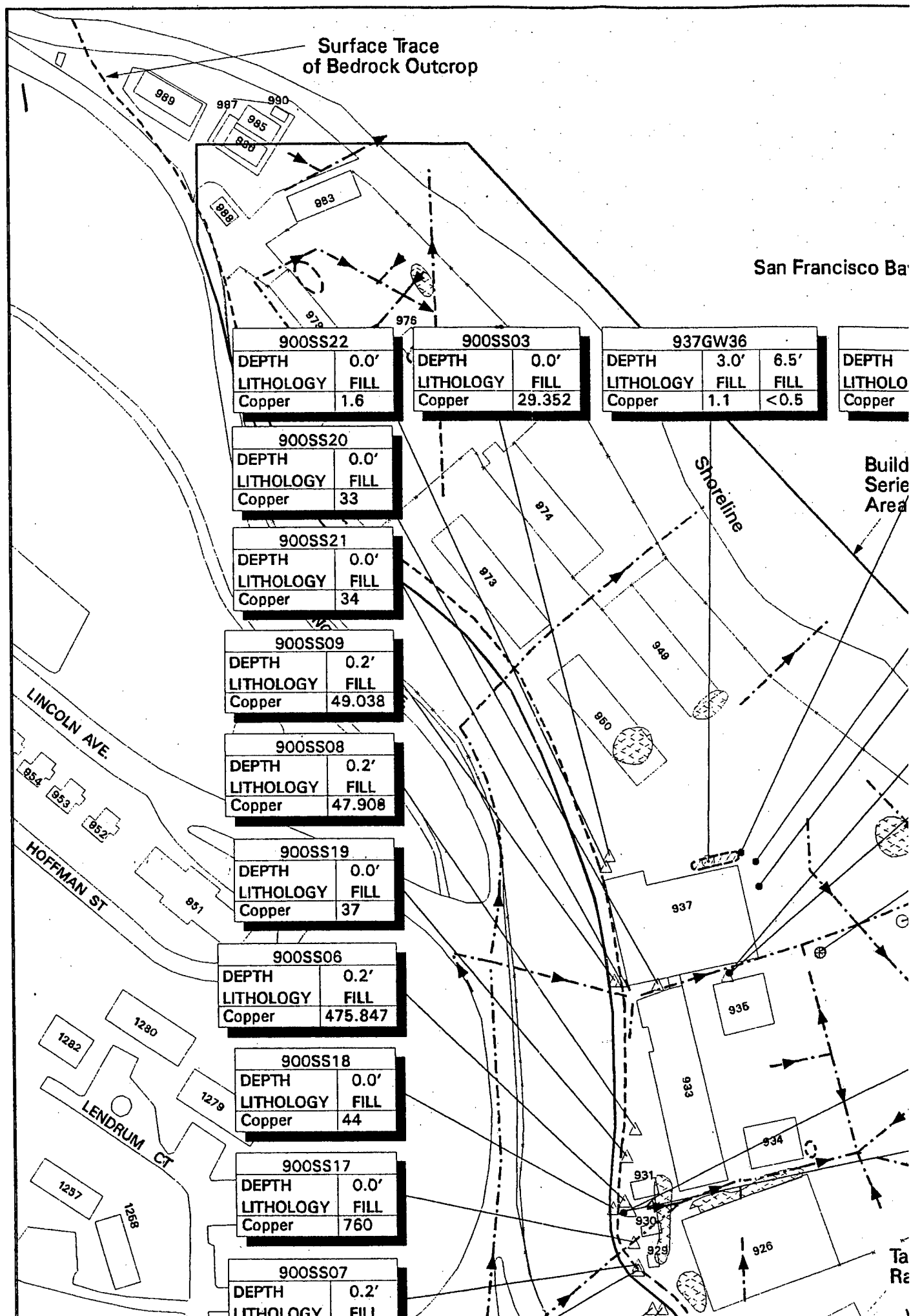
Date: January 1997

Figure 6.5-5

6



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San Francisco Bay

| 937GW36 | | |
|-----------|------|------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Copper | 1.1 | <0.5 |

| 937SB16 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Copper | <0.5 | <0.5 |

| 937SB15 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Copper | <0.5 | <0.5 |

| 937SB14 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Copper | <0.5 | 1.3 |

| 937SB17 | | |
|-----------|------|------|
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Copper | 1.5 | 16 |

| 900SS10 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Copper | 110.314 |

| 937GW38 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Copper | <0.5 | 28 |

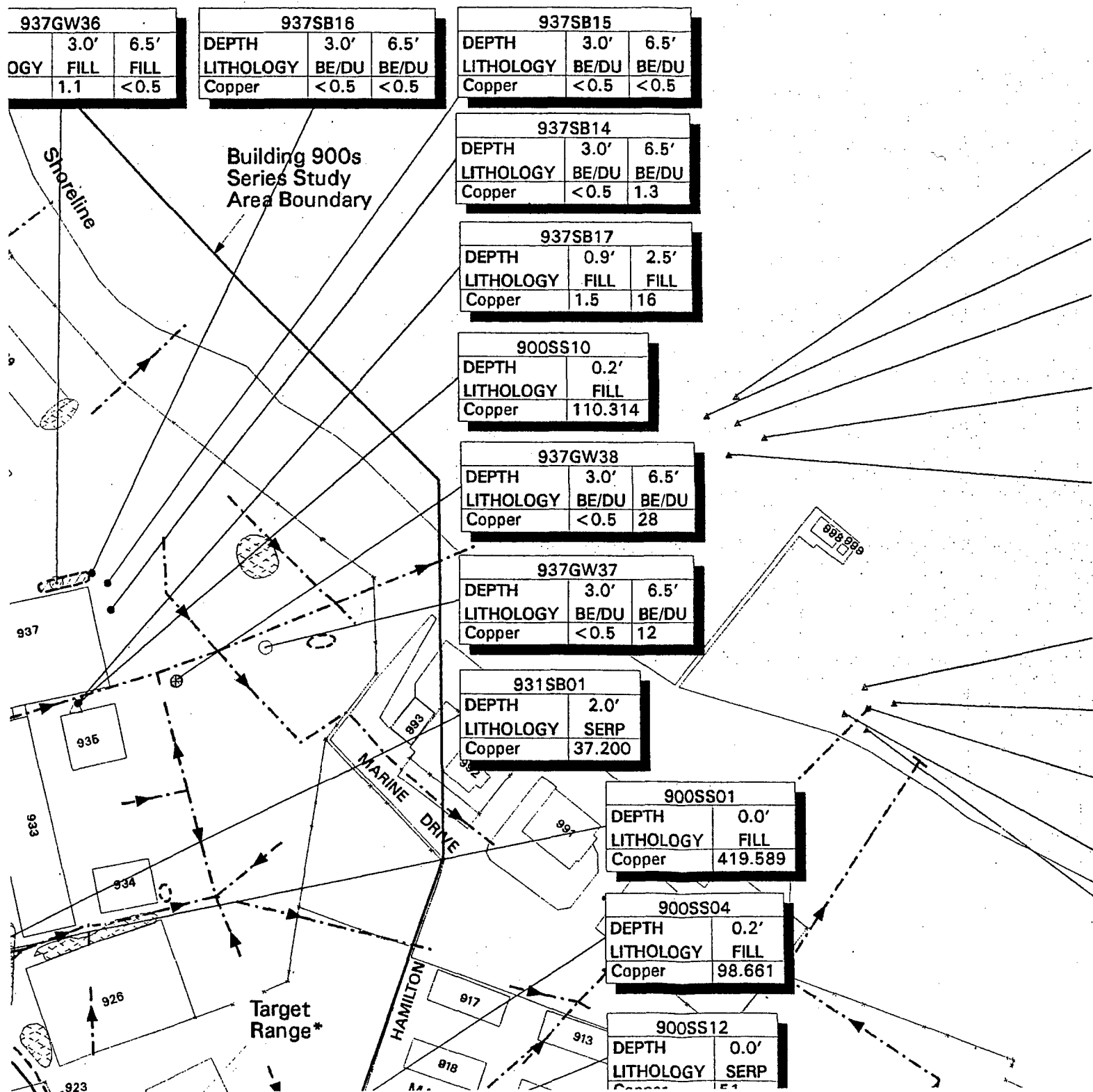
| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Copper | <0.5 | 12 |

| 931SB01 | |
|-----------|--------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Copper | 37.200 |

| 900SS01 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Copper | 419.589 |

| 900SS04 | |
|-----------|--------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Copper | 98.661 |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Copper | 51 |



| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 8.65 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 5.48 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 6.67 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 4.98 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 6.36 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 7.4 |




| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 7.87 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 7.57 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 8.54 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- > STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

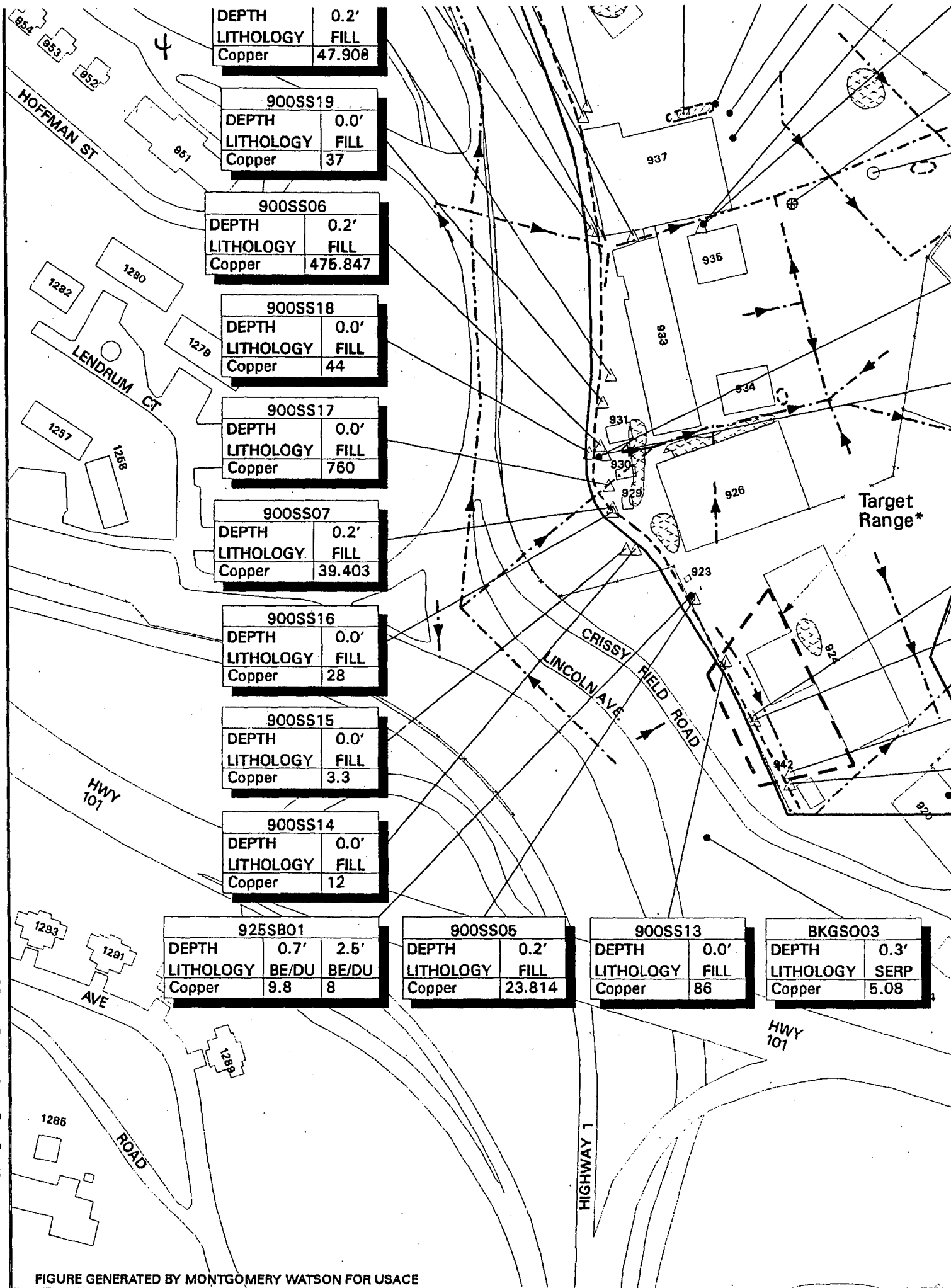
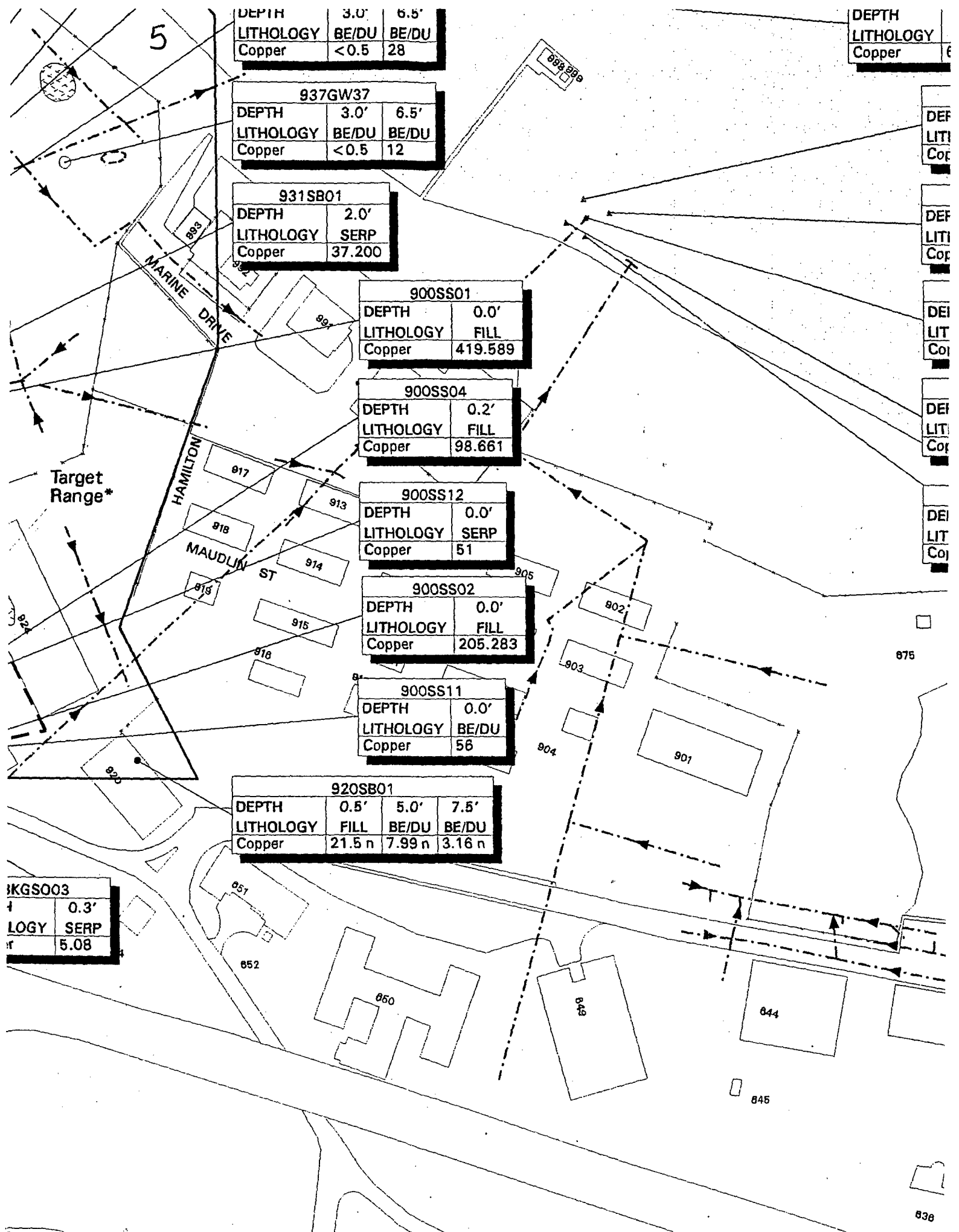


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 6.36 |

6

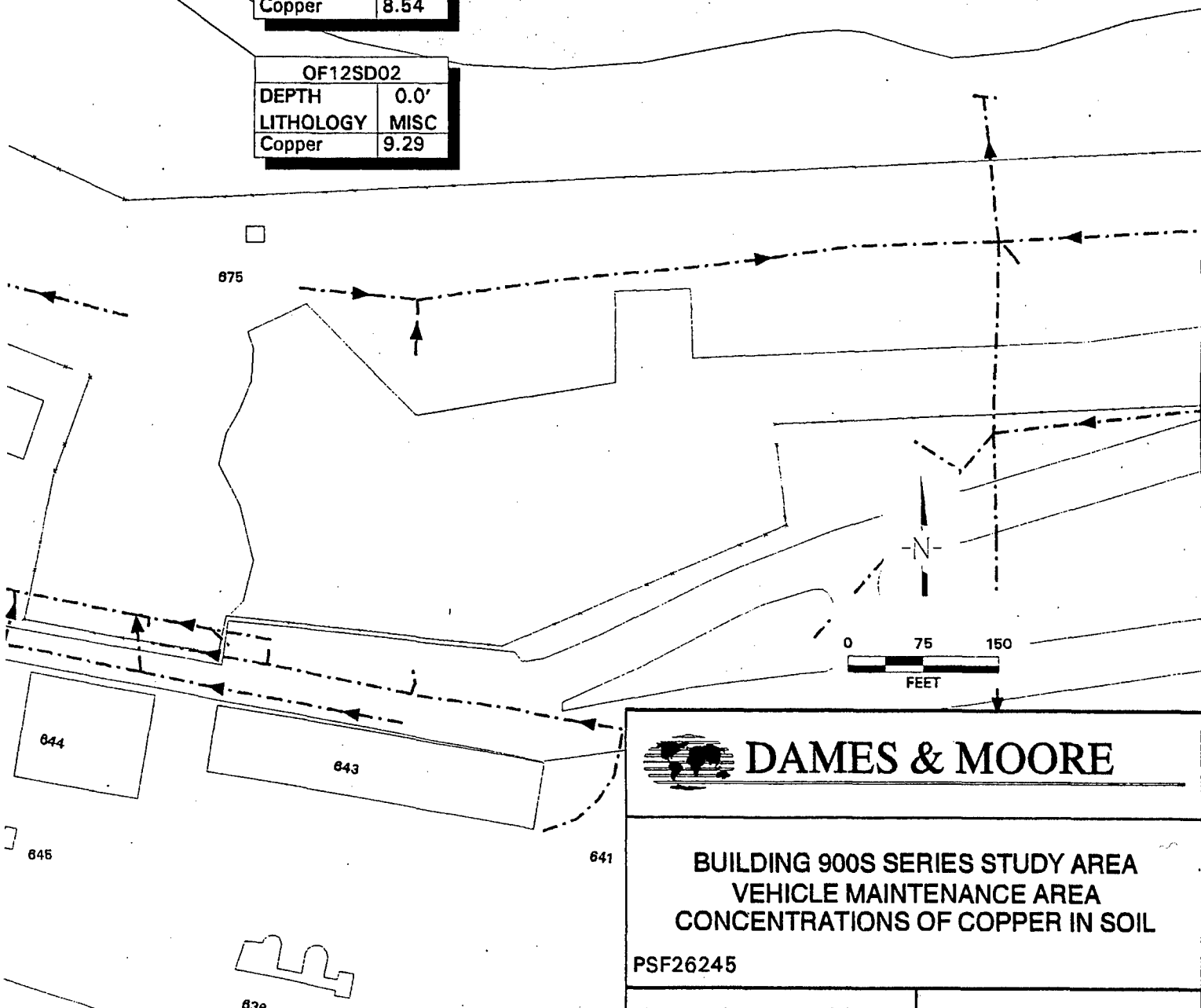
| | |
|-----------|------|
| OF12SD04 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 7.4 |

| | |
|-----------|------|
| OF12SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 7.87 |

| | |
|-----------|------|
| OF12SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 7.57 |

| | |
|-----------|------|
| OF12SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 8.54 |

| | |
|-----------|------|
| OF12SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Copper | 9.29 |



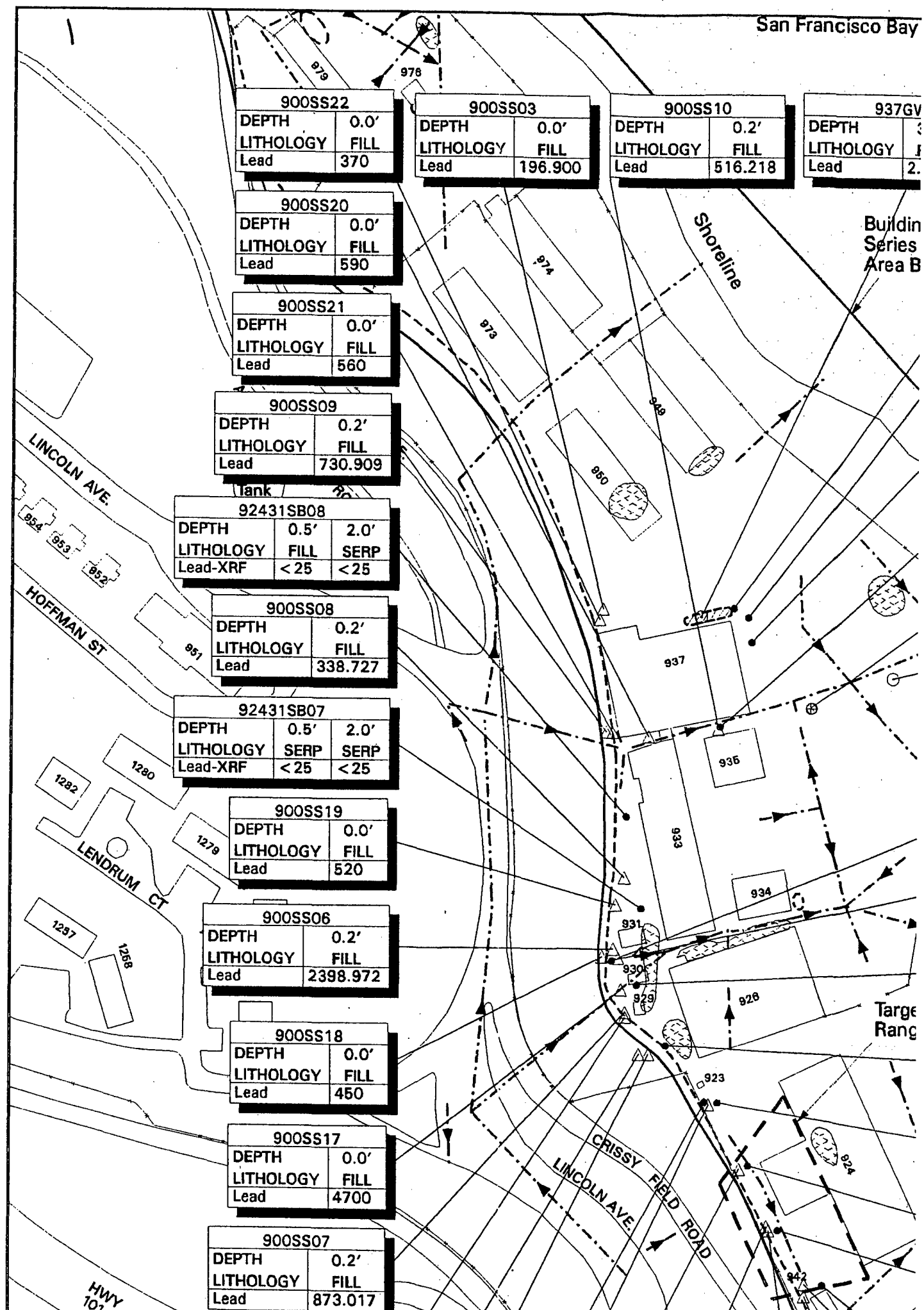
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF COPPER IN SOIL**

PSF26245

Date: January 1997

Figure 6.5-6



| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 4.04 |

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 4.54 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 4.87 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 8.07 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 5.16 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 152 |



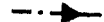

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 5.52 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 6.16 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 5.84 |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

675

| | | |
|----------|------|------|
| Lead-XRF | < 25 | < 25 |
|----------|------|------|

| | | |
|-----------|------|--|
| 900SS19 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 520 | |

| | | |
|-----------|----------|--|
| 900SS06 | | |
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Lead | 2398.972 | |

| | | |
|-----------|------|--|
| 900SS18 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 450 | |

| | | |
|-----------|------|--|
| 900SS17 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 4700 | |

| | | |
|-----------|---------|--|
| 900SS07 | | |
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Lead | 873.017 | |

| | | |
|-----------|------|--|
| 900SS16 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 1300 | |

| | | |
|-----------|------|--|
| 900SS15 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 1000 | |

| | | |
|-----------|------|--|
| 900SS14 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 1300 | |

| | | |
|-----------|-------|-------|
| 925SB01 | | |
| DEPTH | 0.7' | 2.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Lead | 77 | 22 |

| | | |
|-----------|---------|--|
| 900SS05 | | |
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Lead | 658.717 | |

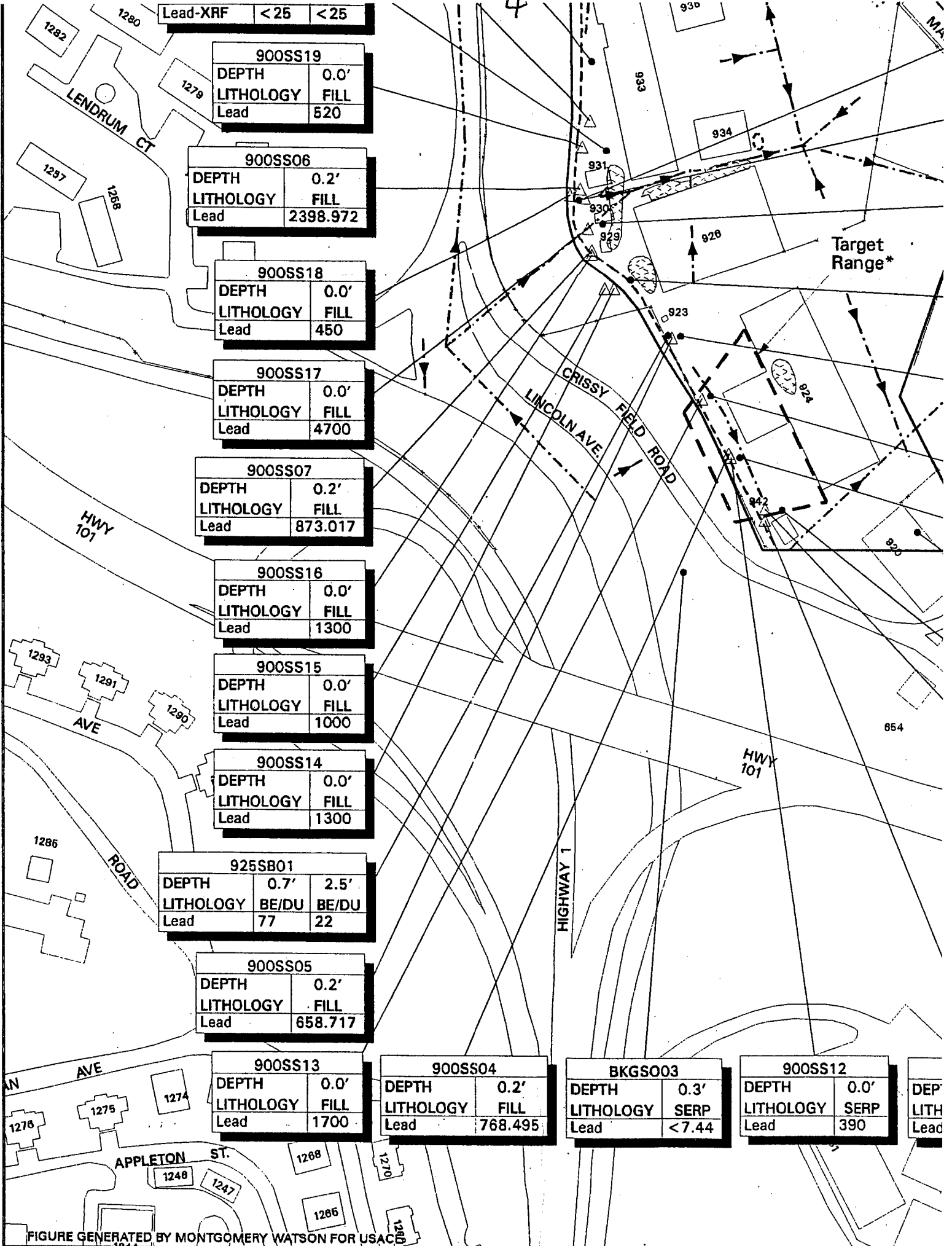
| | | |
|-----------|------|--|
| 900SS13 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | 1700 | |

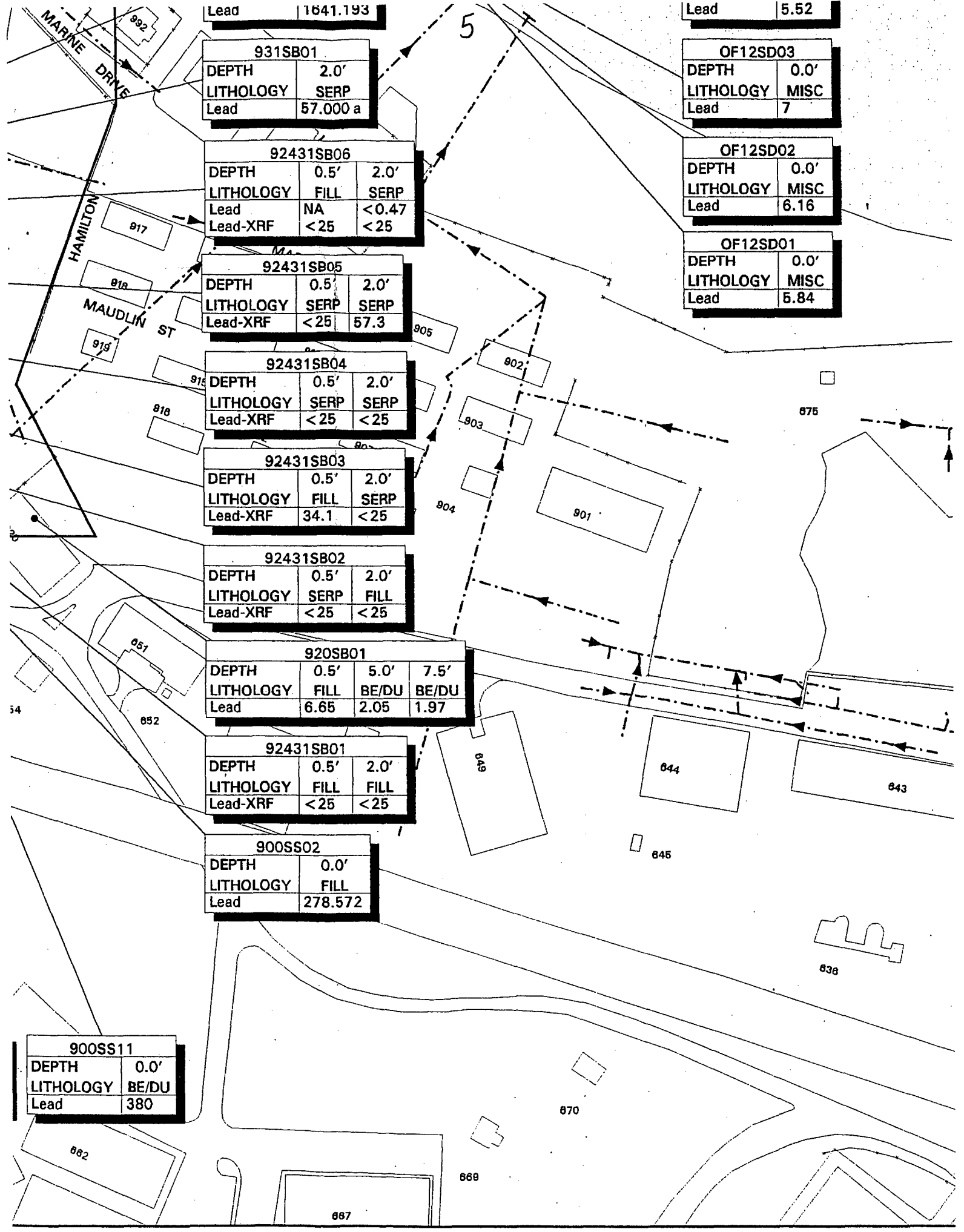
| | | |
|-----------|---------|--|
| 900SS04 | | |
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Lead | 768.495 | |

| | | |
|-----------|--------|--|
| BKGS003 | | |
| DEPTH | 0.3' | |
| LITHOLOGY | SERP | |
| Lead | < 7.44 | |

| | | |
|-----------|------|--|
| 900SS12 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | SERP | |
| Lead | 390 | |

| | | |
|-----------|--|--|
| DEP LITH | | |
| DEPTH | | |
| LITHOLOGY | | |
| Lead | | |





Lead 1641.193

| | |
|-----------|----------|
| 931SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Lead | 57.000 a |

| | | |
|-----------|------|-------|
| 92431SB06 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Lead | NA | <0.47 |
| Lead-XRF | <25 | <25 |

| | | |
|-----------|------|------|
| 92431SB05 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | SERP | SERP |
| Lead-XRF | <25 | 57.3 |

| | | |
|-----------|------|------|
| 92431SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | SERP | SERP |
| Lead-XRF | <25 | <25 |

| | | |
|-----------|------|------|
| 92431SB03 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Lead-XRF | 34.1 | <25 |

| | | |
|-----------|------|------|
| 92431SB02 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | SERP | FILL |
| Lead-XRF | <25 | <25 |

| | | | |
|-----------|------|-------|-------|
| 920SB01 | | | |
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Lead | 6.65 | 2.05 | 1.97 |

| | | |
|-----------|------|------|
| 92431SB01 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Lead-XRF | <25 | <25 |

| | |
|-----------|---------|
| 900SS02 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Lead | 278.572 |

| | |
|-----------|-------|
| 900SS11 | |
| DEPTH | 0.0' |
| LITHOLOGY | BE/DU |
| Lead | 380 |

Lead 5.52

| | |
|-----------|------|
| OF12SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7 |

| | |
|-----------|------|
| OF12SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 6.16 |

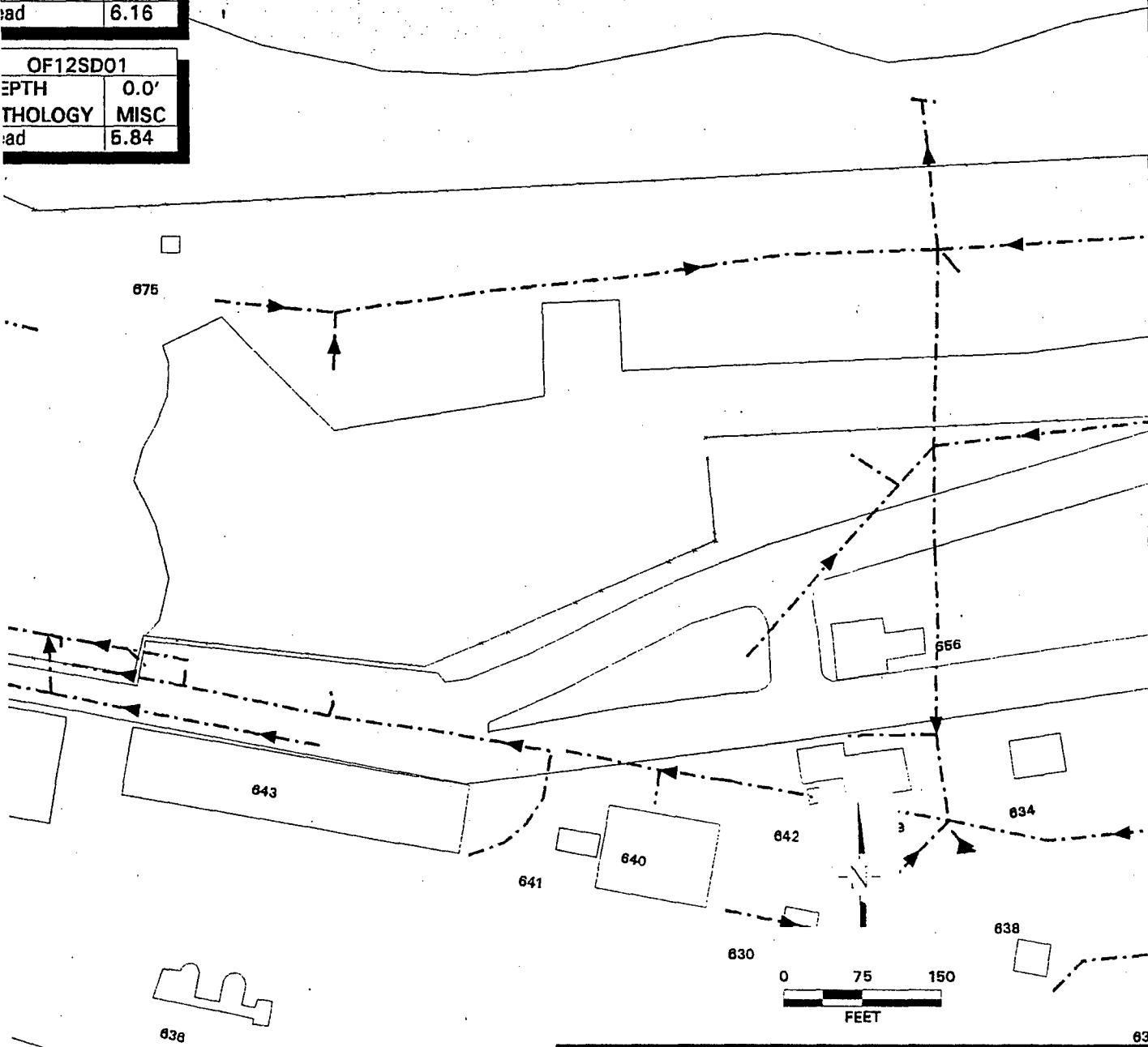
| | |
|-----------|------|
| OF12SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 5.84 |

6

| OF12SD03 | |
|----------|------|
| DEPTH | 0.0' |
| THOLOGY | MISC |
| rad | 7 |

| OF12SD02 | |
|----------|------|
| DEPTH | 0.0' |
| THOLOGY | MISC |
| rad | 6.16 |

| OF12SD01 | |
|----------|------|
| DEPTH | 0.0' |
| THOLOGY | MISC |
| rad | 5.84 |

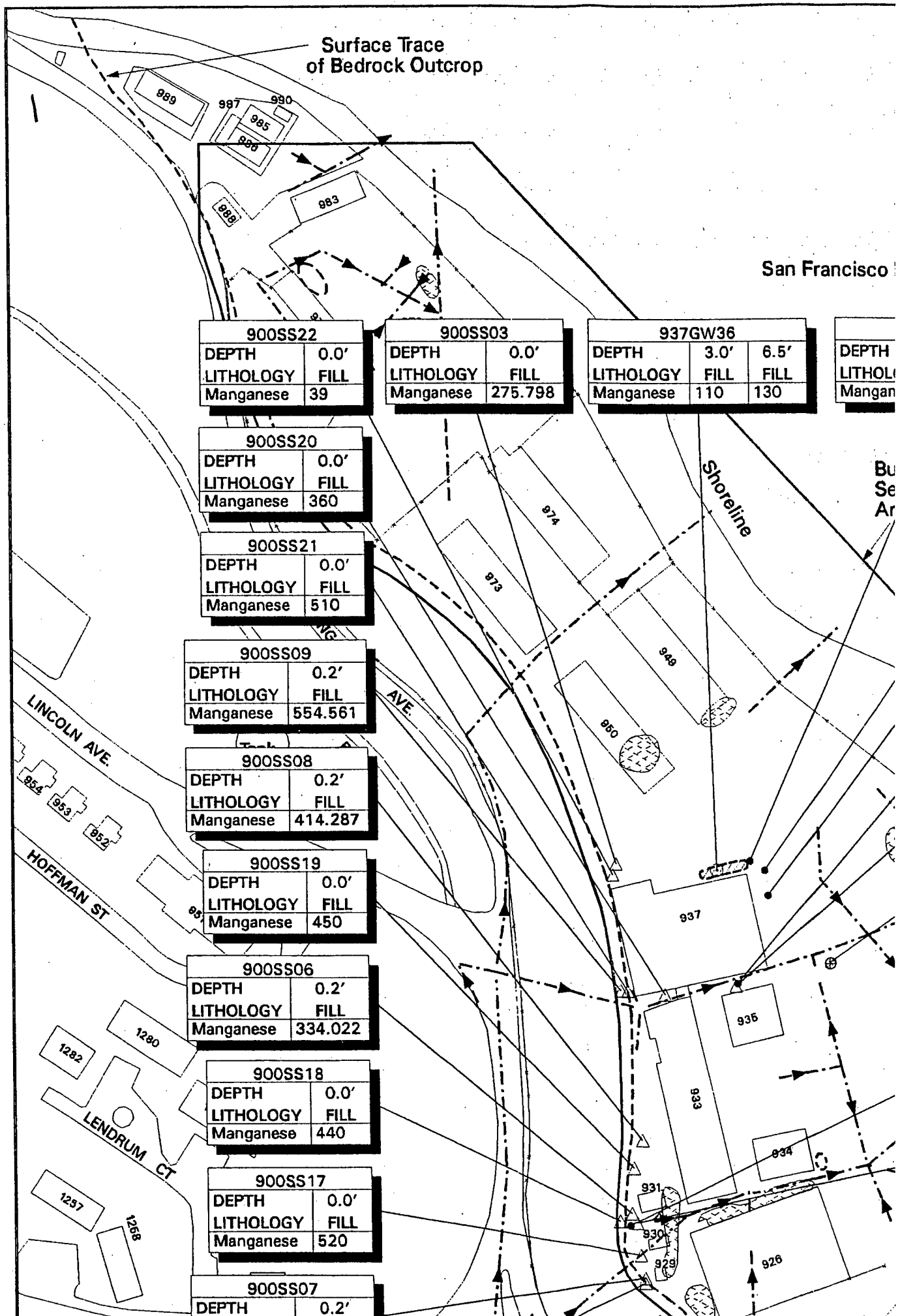


**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF LEAD IN SOIL**

PSF26249

Date: January 1997

Figure 6.5-7



San Francisco Bay

| | | |
|-----------|------|------|
| 937GW36 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Manganese | 110 | 130 |

| | | |
|-----------|-------|-------|
| 937SB16 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 120 | 79 |

| | | |
|-----------|-------|-------|
| 937SB15 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 120 | 64 |

| | | |
|-----------|-------|-------|
| 937SB14 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 100 | 69 |

| | | |
|-----------|------|------|
| 937SB17 | | |
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Manganese | 180 | 500 |

| | |
|-----------|---------|
| 900SS10 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Manganese | 531.414 |

| | | |
|-----------|-------|-------|
| 937GW38 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 120 | 48 |

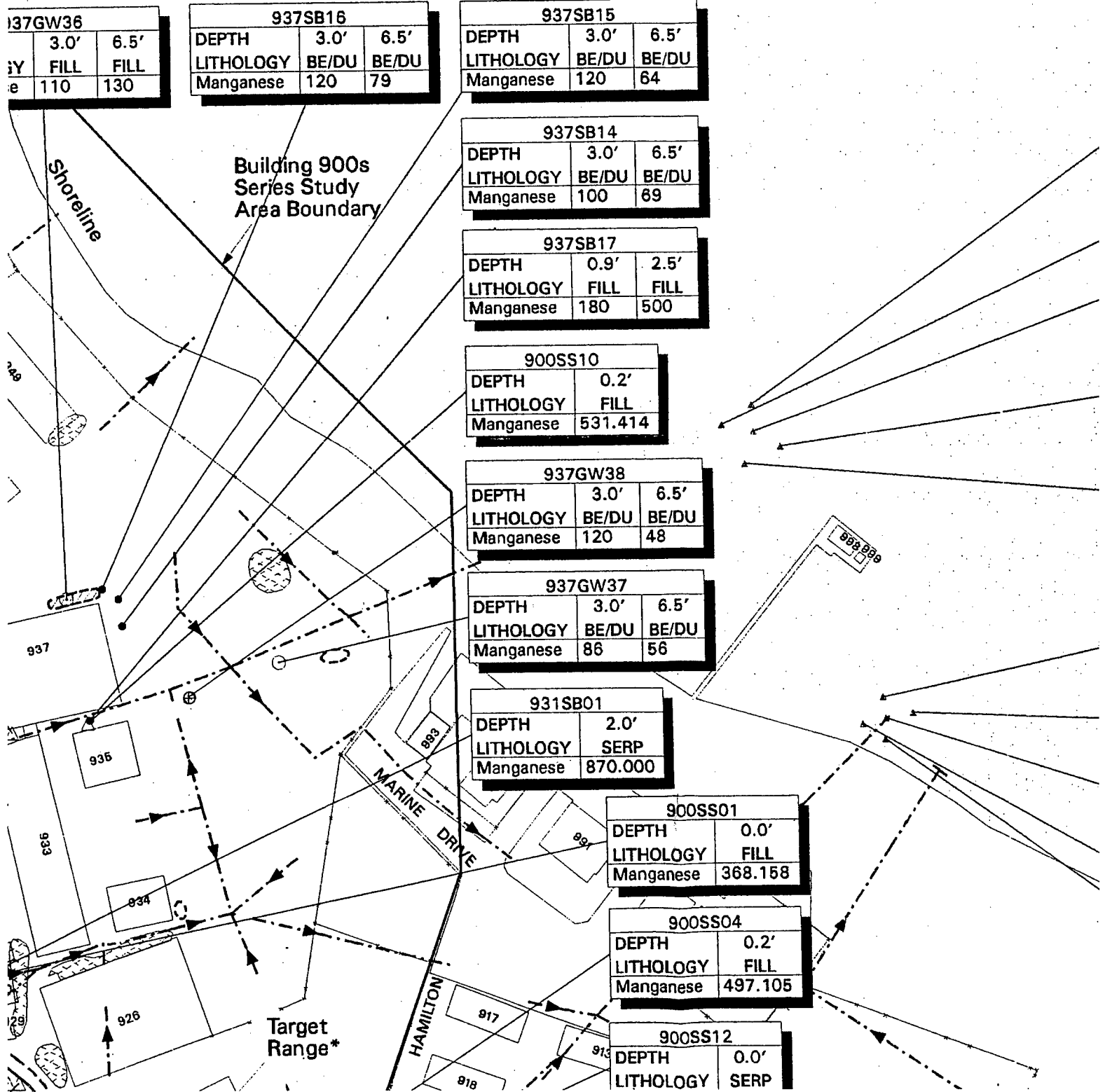
| | | |
|-----------|-------|-------|
| 937GW37 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 86 | 56 |

| | |
|-----------|---------|
| 931SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Manganese | 870.000 |




| | |
|-----------|---------|
| 900SS01 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 368.158 |

| | |
|-----------|---------|
| 900SS04 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Manganese | 497.105 |

| | |
|-----------|------|
| 900SS12 | |
| DEPTH | 0.0' |
| LITHOLOGY | SERP |



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 108 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 107 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 116 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 84 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 112 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 131 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 171 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 143 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 149 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |

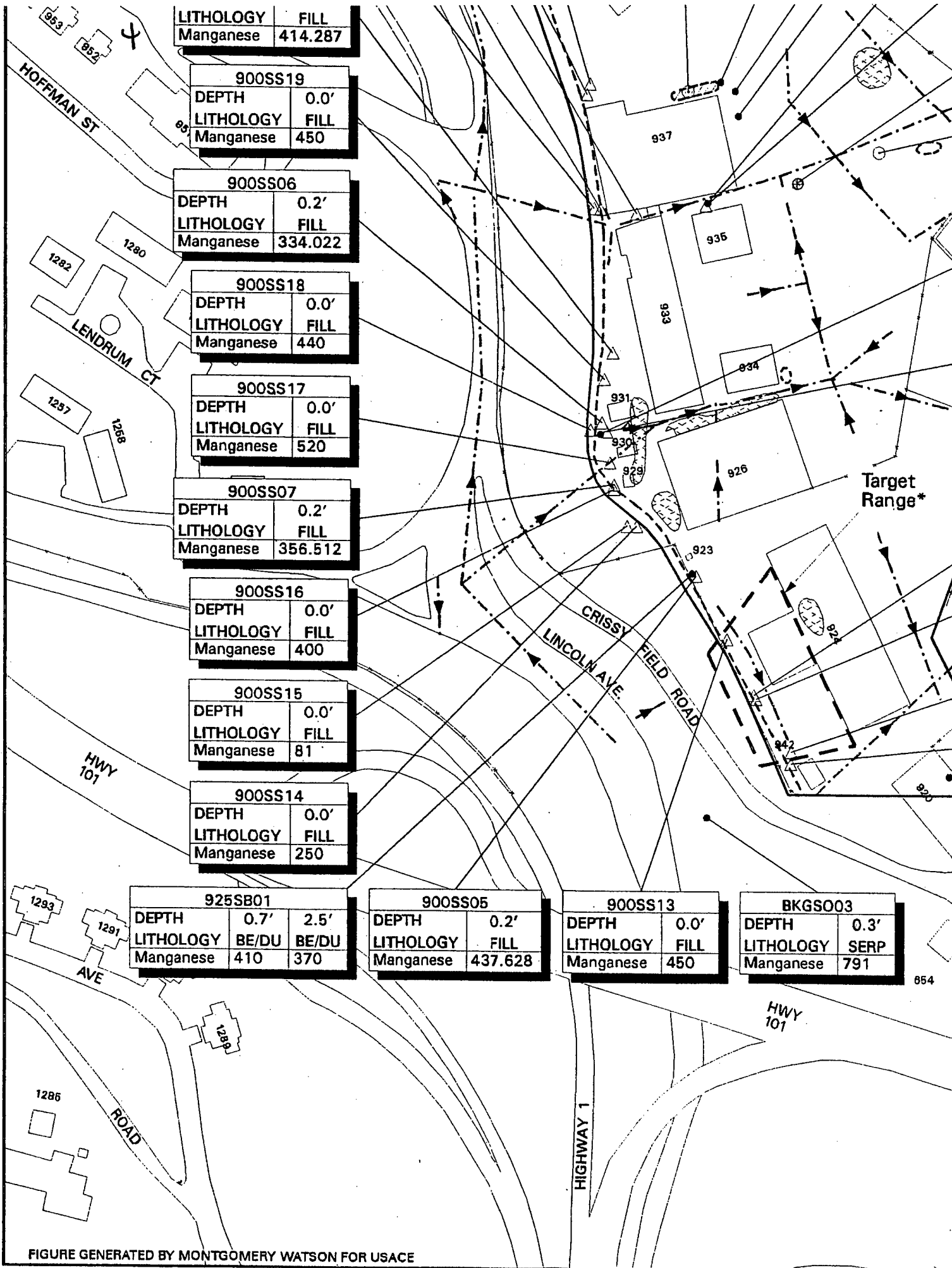


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

| LITHOLOGY | BE/DU | BE/DU |
|-----------|-------|-------|
| Manganese | 120 | 48 |

5

| LITHOLOGY | MISC |
|-----------|------|
| Manganese | 112 |

| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 86 | 56 |

| 931SB01 | |
|-----------|---------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Manganese | 870.000 |

| 900SS01 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 368.158 |

| 900SS04 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Manganese | 497.105 |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Manganese | 370 |

| 900SS02 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 395.189 |

| 900SS11 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | BE/DU |
| Manganese | 660 |

| 920SB01 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Manganese | 538 | 81.3 | 75.1 |

| OF12S | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Manganese | |

| OF12S | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Manganese | |

| OF12S | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Manganese | |

| OF12S | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Manganese | |

| OF12S | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Manganese | |

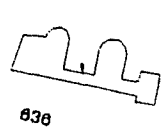
MARINE DRIVE

HAMILTON

MAUDLIN ST

irget
ange*

P



| | |
|-----------|------|
| LITHOLOGY | MISC |
| Manganese | 112 |

6

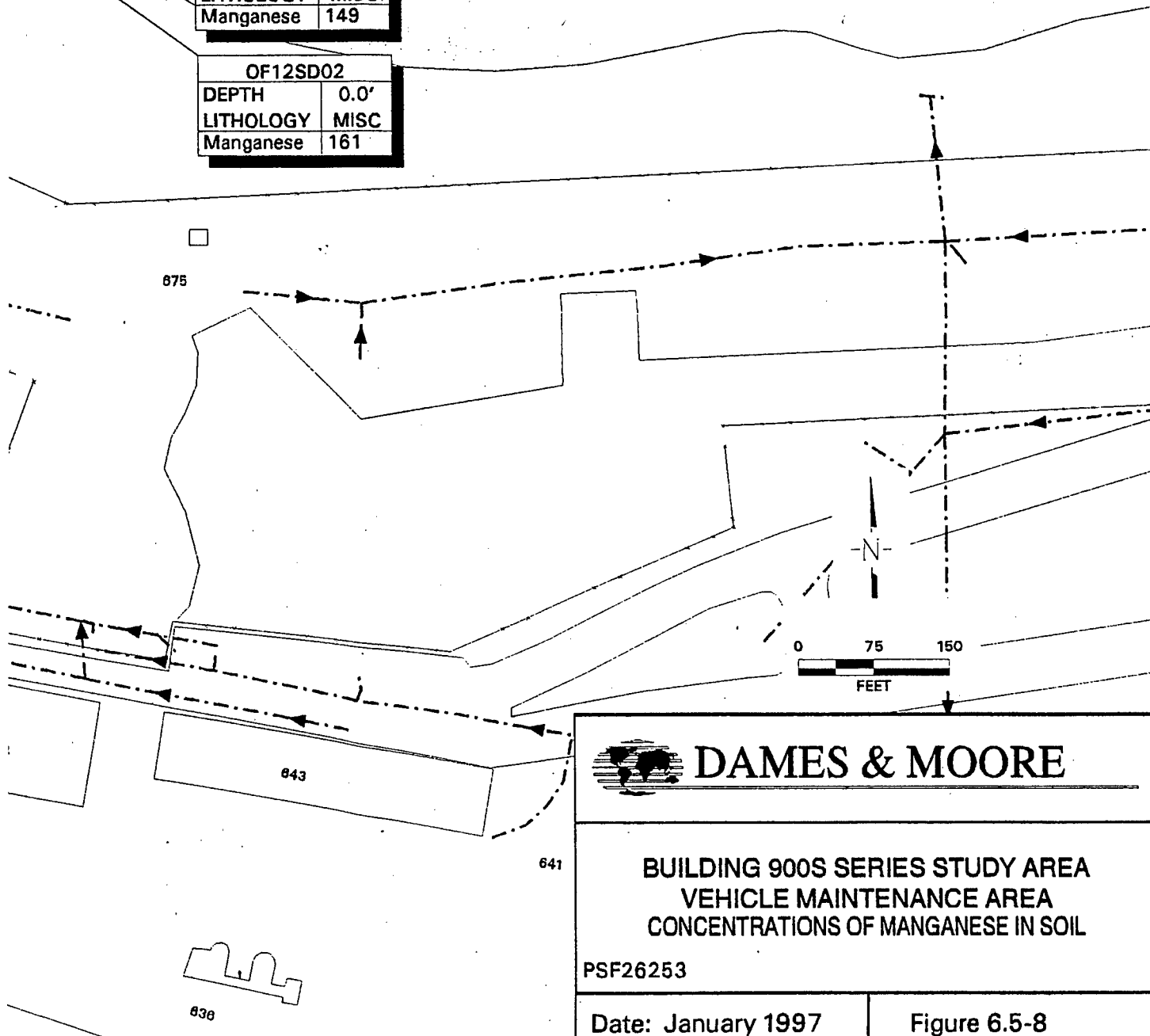
| | |
|-----------|------|
| OF12SD04 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 131 |

| | |
|-----------|------|
| OF12SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 171 |

| | |
|-----------|------|
| OF12SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 143 |

| | |
|-----------|------|
| OF12SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 149 |

| | |
|-----------|------|
| OF12SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 161 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF MANGANESE IN SOIL**

PSF26253

Date: January 1997

Figure 6.5-8

Surface Trace
of Bedrock Outcrop

San Francisco

| 900SS22 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.02 |

| 900SS03 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.134 |

| 937GW36 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Mercury | <0.01 | <0.01 |

| | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Mercury | |

| 900SS20 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.15 |

| 900SS21 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.32 |

| 900SS09 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.894 |

| 900SS08 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 6.819 a |

| 900SS19 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.059 |

| 900SS06 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.308 |

| 900SS18 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.094 |

| 900SS17 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.24 |

Shoreline

LINCOLN AVE.

HOFFMAN ST

LENDRUM CT

San Francisco Bay

| 937GW36 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Mercury | <0.01 | <0.01 |

| 937SB16 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | 0.012 | <0.01 |

| 937SB15 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | <0.01 | <0.01 |

| 937SB14 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | <0.01 | 0.017 |

| 937SB17 | | |
|-----------|-------|-------|
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Mercury | 0.016 | 0.055 |

| 900SS10 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.173 |

| 937GW38 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | 0.013 | 0.013 |

| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | 0.021 | <0.01 |

| 931SB01 | |
|-----------|--------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Mercury | <0.027 |

| 900SS01 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.217 |

| 900SS04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.061 |

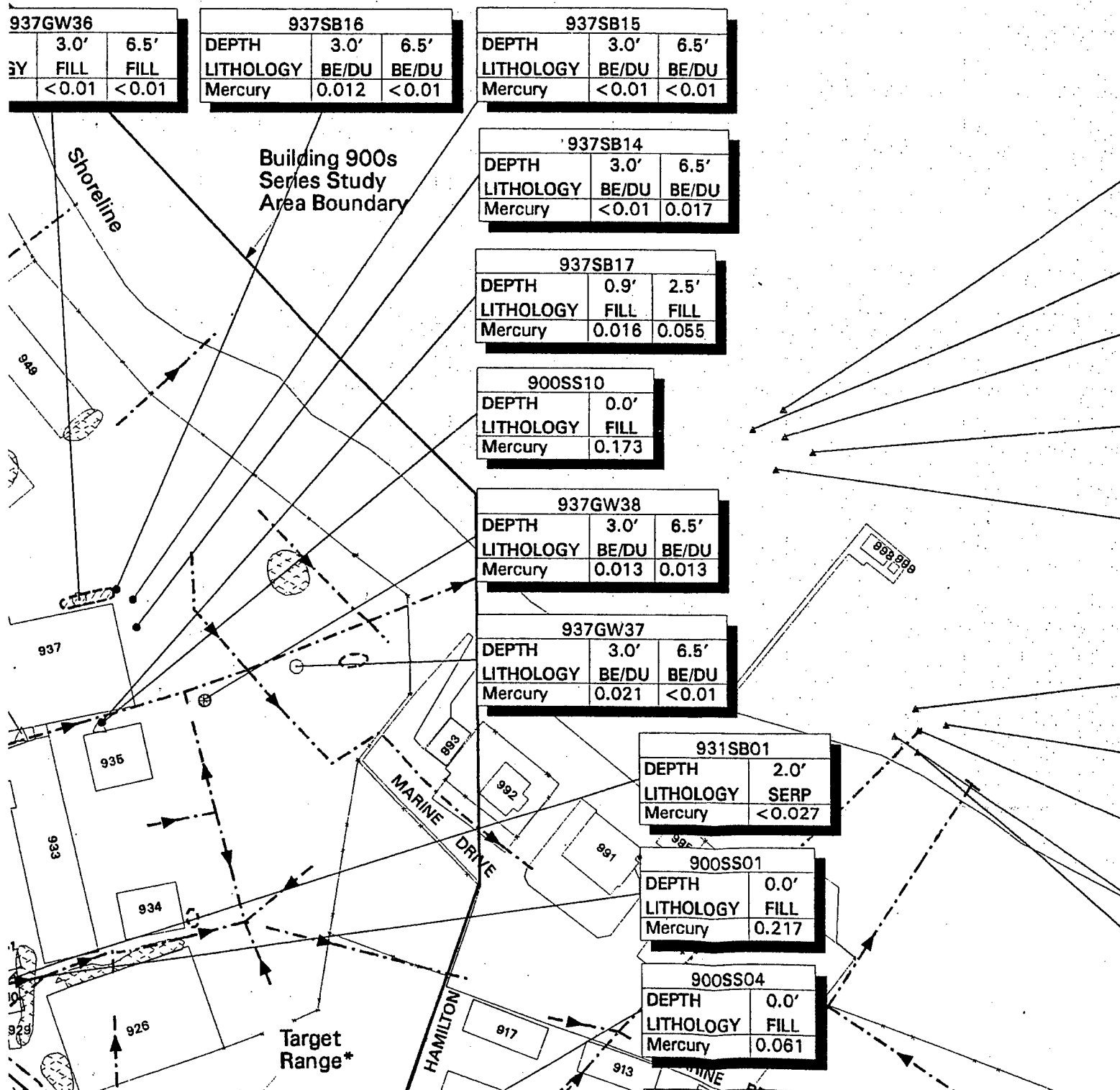
Building 900s
Series Study
Area Boundary

Shoreline

MARINE DRIVE

HAMILTON

Target
Range*



3

EXPLANATION

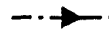
- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES



APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA



APPROXIMATE LOCATIONS OF FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | 3.33 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

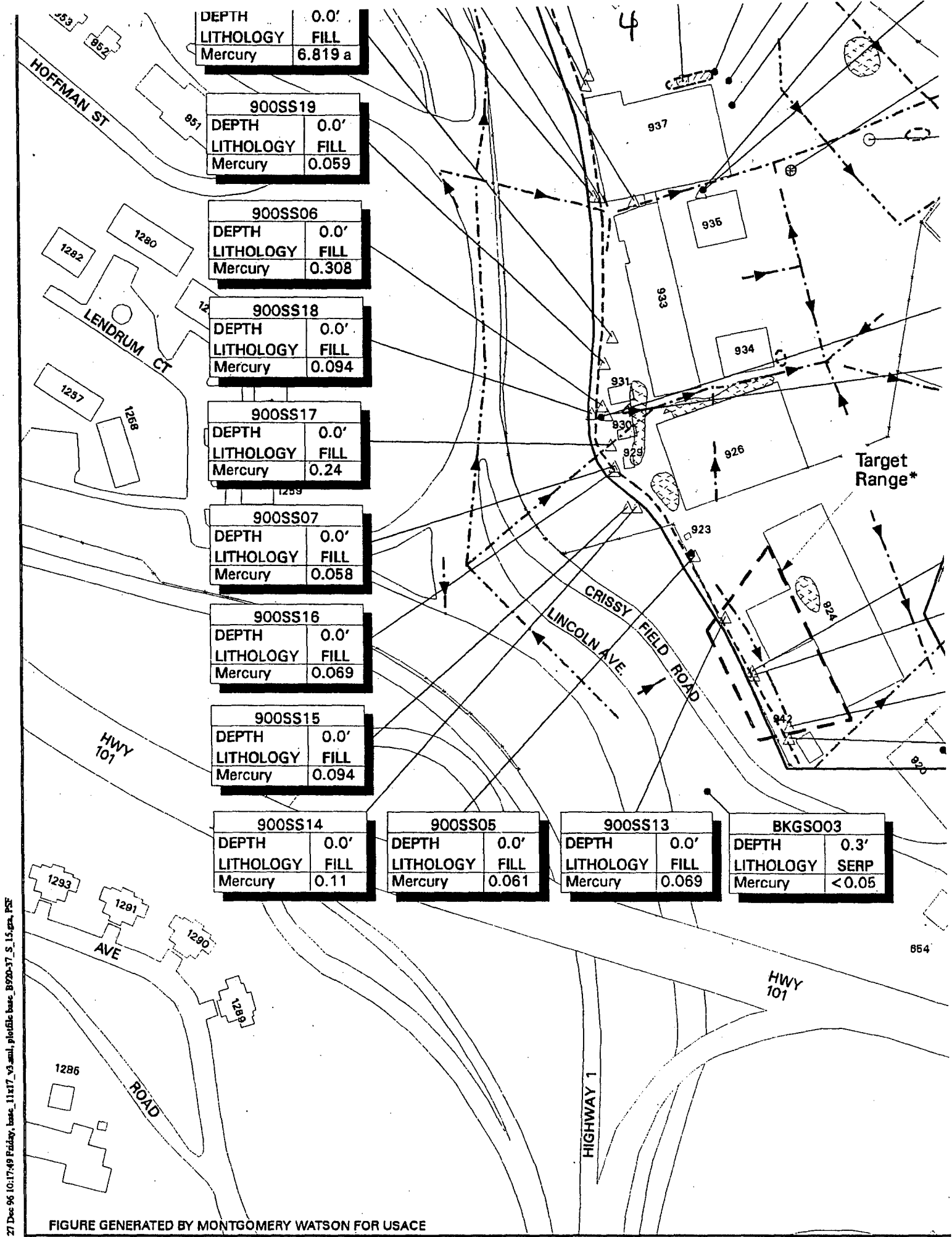
| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |



| | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 6.819 a |

| | |
|-----------|-------|
| 900SS19 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.059 |

| | |
|-----------|-------|
| 900SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.308 |

| | |
|-----------|-------|
| 900SS18 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.094 |

| | |
|-----------|------|
| 900SS17 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.24 |

| | |
|-----------|-------|
| 900SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.058 |

| | |
|-----------|-------|
| 900SS16 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.069 |

| | |
|-----------|-------|
| 900SS15 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.094 |

| | |
|-----------|------|
| 900SS14 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.11 |

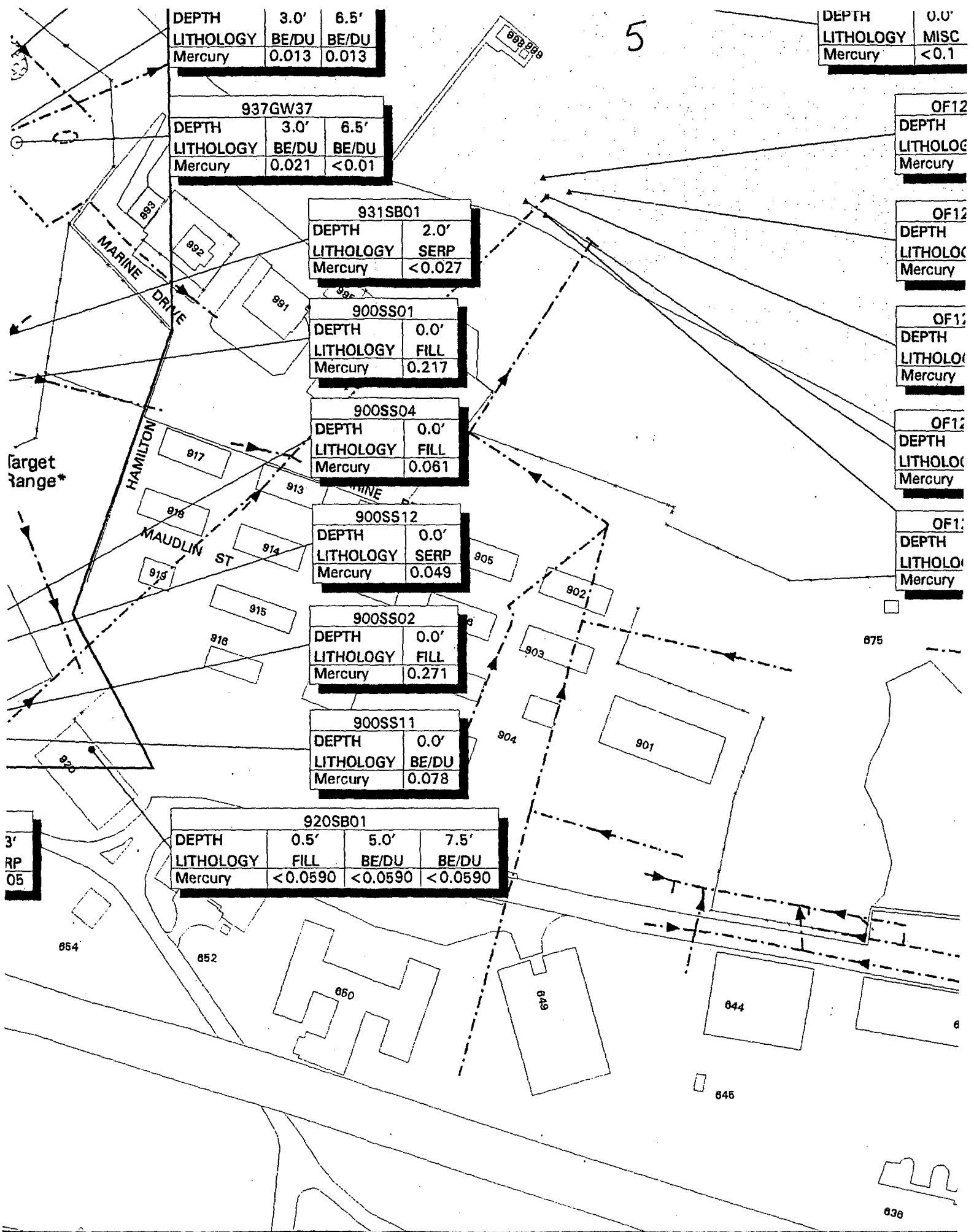
| | |
|-----------|-------|
| 900SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.061 |

| | |
|-----------|-------|
| 900SS13 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.069 |

| | |
|-----------|-------|
| BKGSO03 | |
| DEPTH | 0.3' |
| LITHOLOGY | SERP |
| Mercury | <0.05 |

27 Dec 96 10:17:49 Friday, base_111x17_v3.mxd, plotfile base_B0920-37_S_15.ppt, PDF

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | 0.013 | 0.013 |

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | | |
|-----------|-------|-------|
| 937GW37 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | 0.021 | <0.01 |

| | |
|-----------|--|
| OF12 | |
| DEPTH | |
| LITHOLOGY | |
| Mercury | |

| | |
|-----------|--------|
| 931SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Mercury | <0.027 |

| | |
|-----------|--|
| OF12 | |
| DEPTH | |
| LITHOLOGY | |
| Mercury | |

| | |
|-----------|-------|
| 900SS01 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.217 |

| | |
|-----------|--|
| OF12 | |
| DEPTH | |
| LITHOLOGY | |
| Mercury | |

| | |
|-----------|-------|
| 900SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.061 |

| | |
|-----------|--|
| OF12 | |
| DEPTH | |
| LITHOLOGY | |
| Mercury | |

| | |
|-----------|-------|
| 900SS12 | |
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Mercury | 0.049 |

| | |
|-----------|--|
| OF12 | |
| DEPTH | |
| LITHOLOGY | |
| Mercury | |

| | |
|-----------|-------|
| 900SS02 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.271 |

| | |
|-----------|-------|
| 900SS11 | |
| DEPTH | 0.0' |
| LITHOLOGY | BE/DU |
| Mercury | 0.078 |

| | | | |
|-----------|---------|---------|---------|
| 920SB01 | | | |
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Mercury | <0.0590 | <0.0590 | <0.0590 |

3'
RP
05

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

6

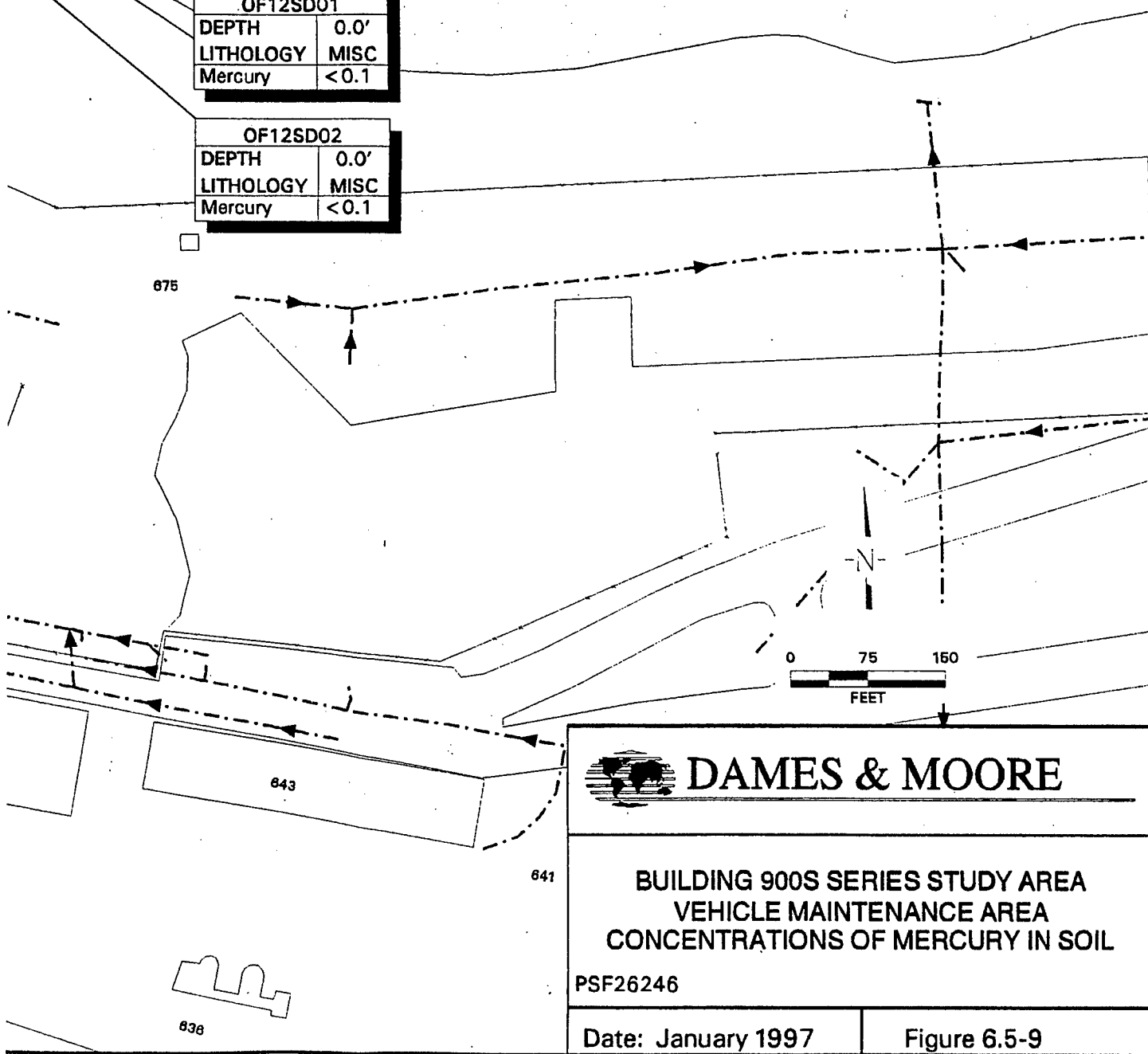
| | |
|-----------|------|
| OF12SD04 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF12SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF12SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF12SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF12SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |



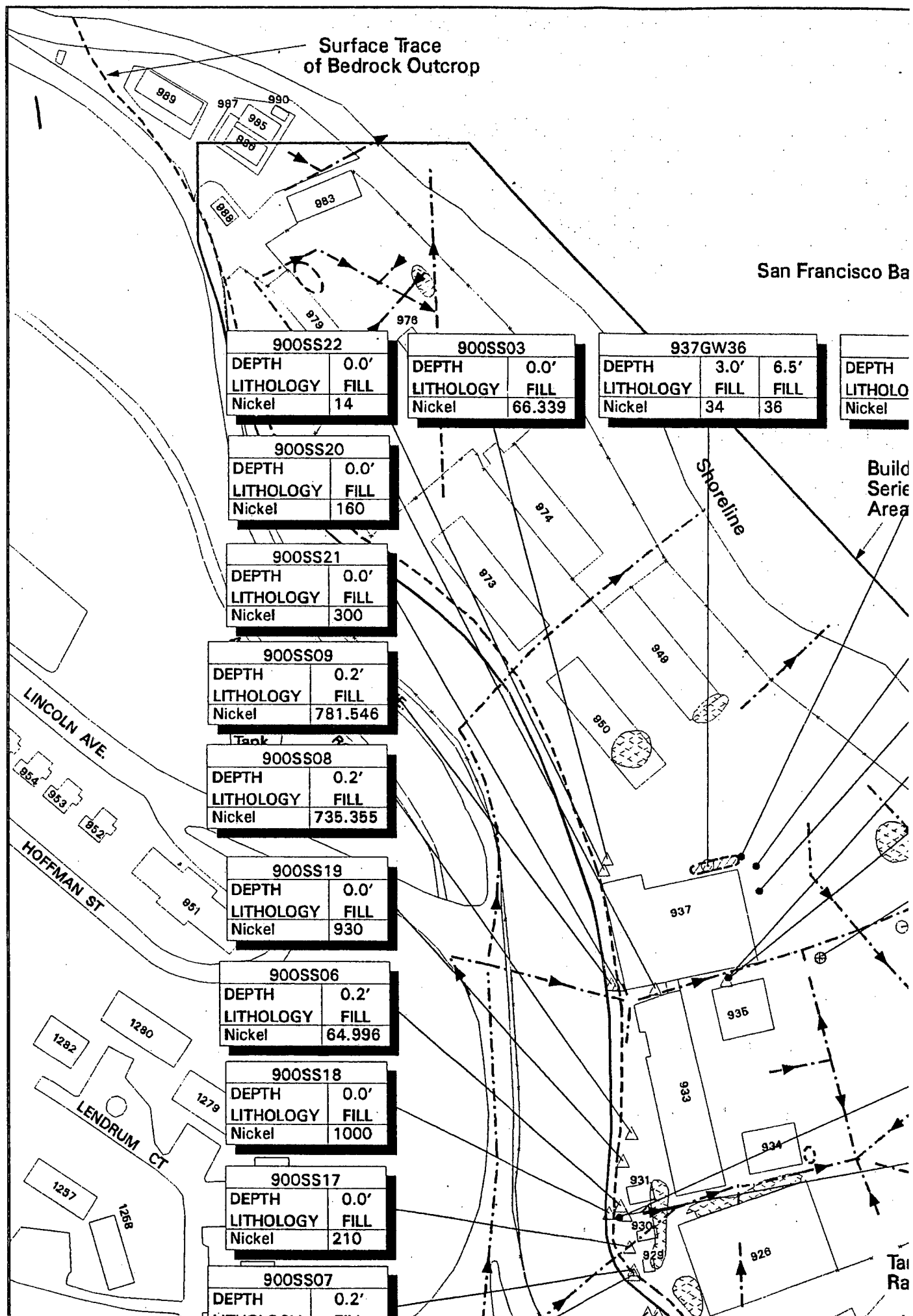
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF MERCURY IN SOIL**

PSF26246

Date: January 1997

Figure 6.5-9



San Francisco Bay

| 937GW36 | | |
|-----------|------|------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | FILL | FILL |
| Nickel | 34 | 36 |

| 937SB16 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 50 | 32 |

| 937SB15 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 35 | 20 |

| 937SB14 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 31 | 110 |

| 937SB17 | | |
|-----------|------|------|
| DEPTH | 0.9' | 2.5' |
| LITHOLOGY | FILL | FILL |
| Nickel | 44 | 540 |

| 900SS10 | |
|-----------|--------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Nickel | 60.083 |

| 937GW38 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 34 | 81 |

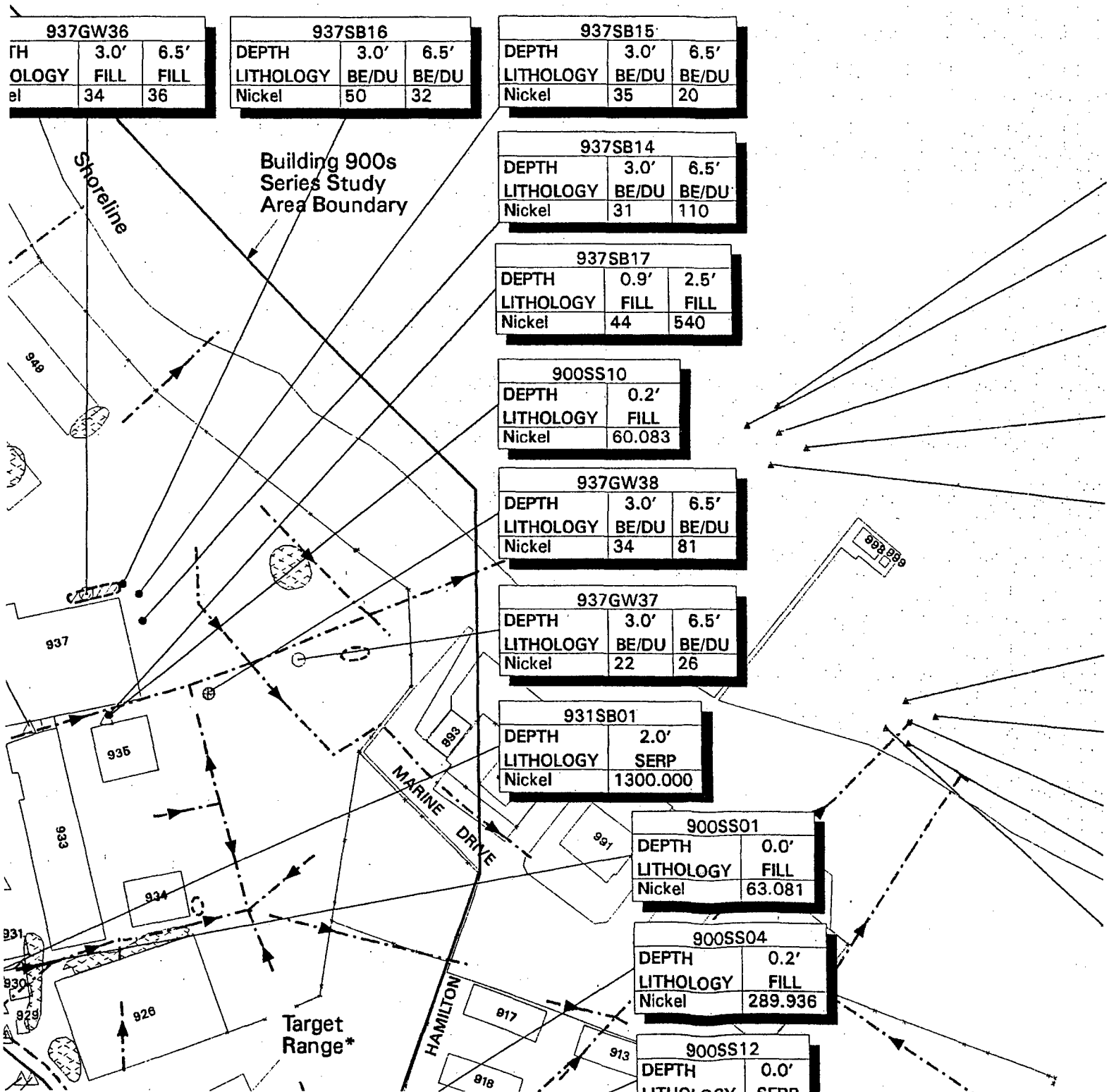
| 937GW37 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 22 | 26 |

| 931SB01 | |
|-----------|----------|
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Nickel | 1300.000 |





| 900SS01 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 63.081 |

| 900SS04 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Nickel | 289.936 |

| 900SS12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | SERP |



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 29.6 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 79.1 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 42.2 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 25.5 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 29.4 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 27.3 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 35.5 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 45.3 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 42.2 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |

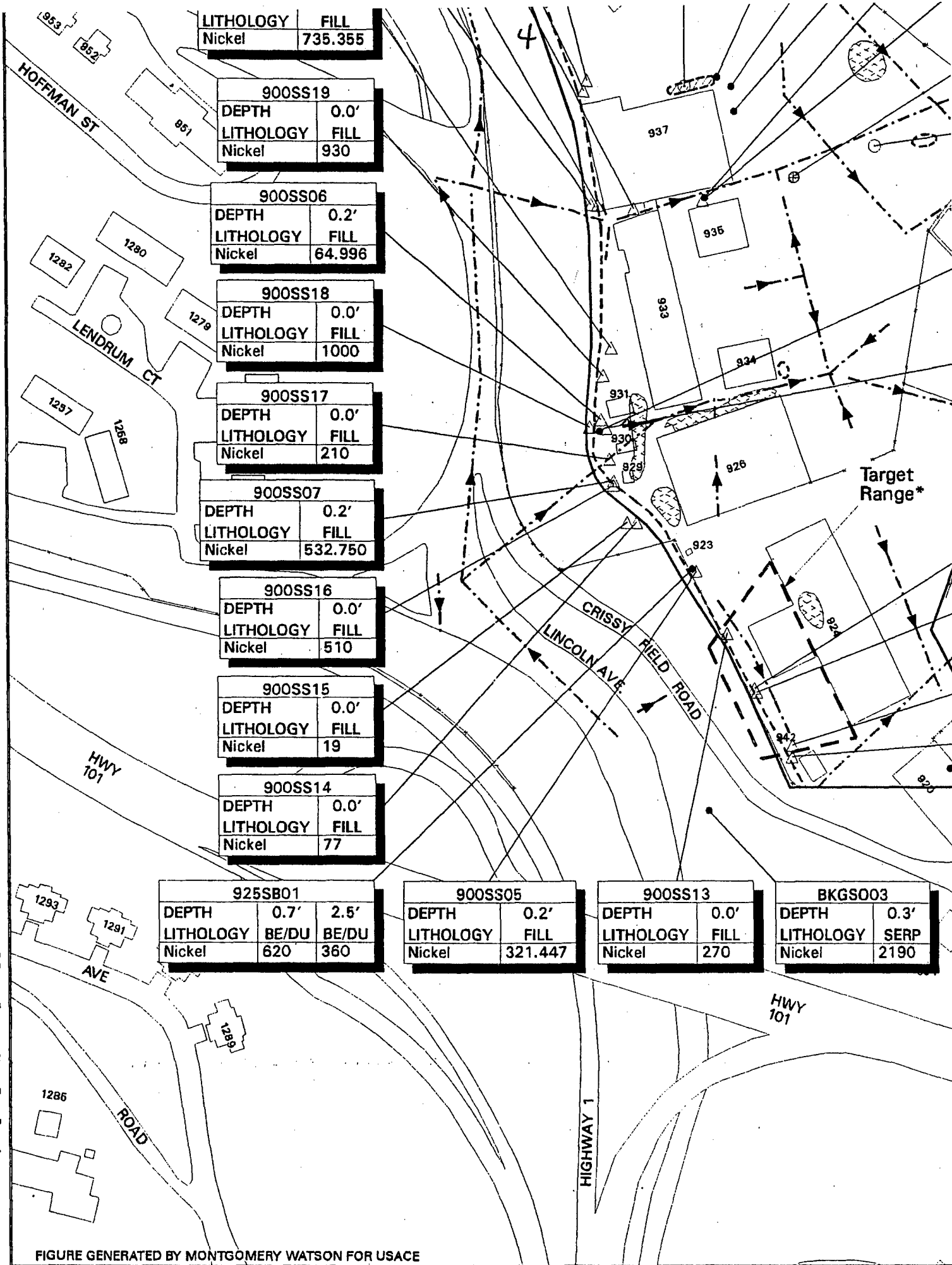


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

5

| | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 34 | 81 |

| | | |
|-----------|-------|-------|
| 937GW37 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 22 | 26 |

| | | |
|-----------|----------|--|
| 931SB01 | | |
| DEPTH | 2.0' | |
| LITHOLOGY | SERP | |
| Nickel | 1300.000 | |

| | | |
|-----------|--------|--|
| 900SS01 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Nickel | 63.081 | |

| | | |
|-----------|---------|--|
| 900SS04 | | |
| DEPTH | 0.2' | |
| LITHOLOGY | FILL | |
| Nickel | 289.936 | |

| | | |
|-----------|------|--|
| 900SS12 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | SERP | |
| Nickel | 71 | |

| | | |
|-----------|---------|--|
| 900SS02 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Nickel | 121.257 | |

| | | |
|-----------|-------|--|
| 900SS11 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | BE/DU | |
| Nickel | 200 | |

| | | | |
|-----------|------|-------|-------|
| 920SB01 | | | |
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Nickel | 1270 | 29.4 | 12.1 |

| | |
|-----------|------|
| S003 | |
| DEPTH | 0.3' |
| LITHOLOGY | SERP |
| Nickel | 2190 |

| | |
|-----------|------|
| DEPTH | 0.0 |
| LITHOLOGY | MIS |
| Nickel | 29.4 |

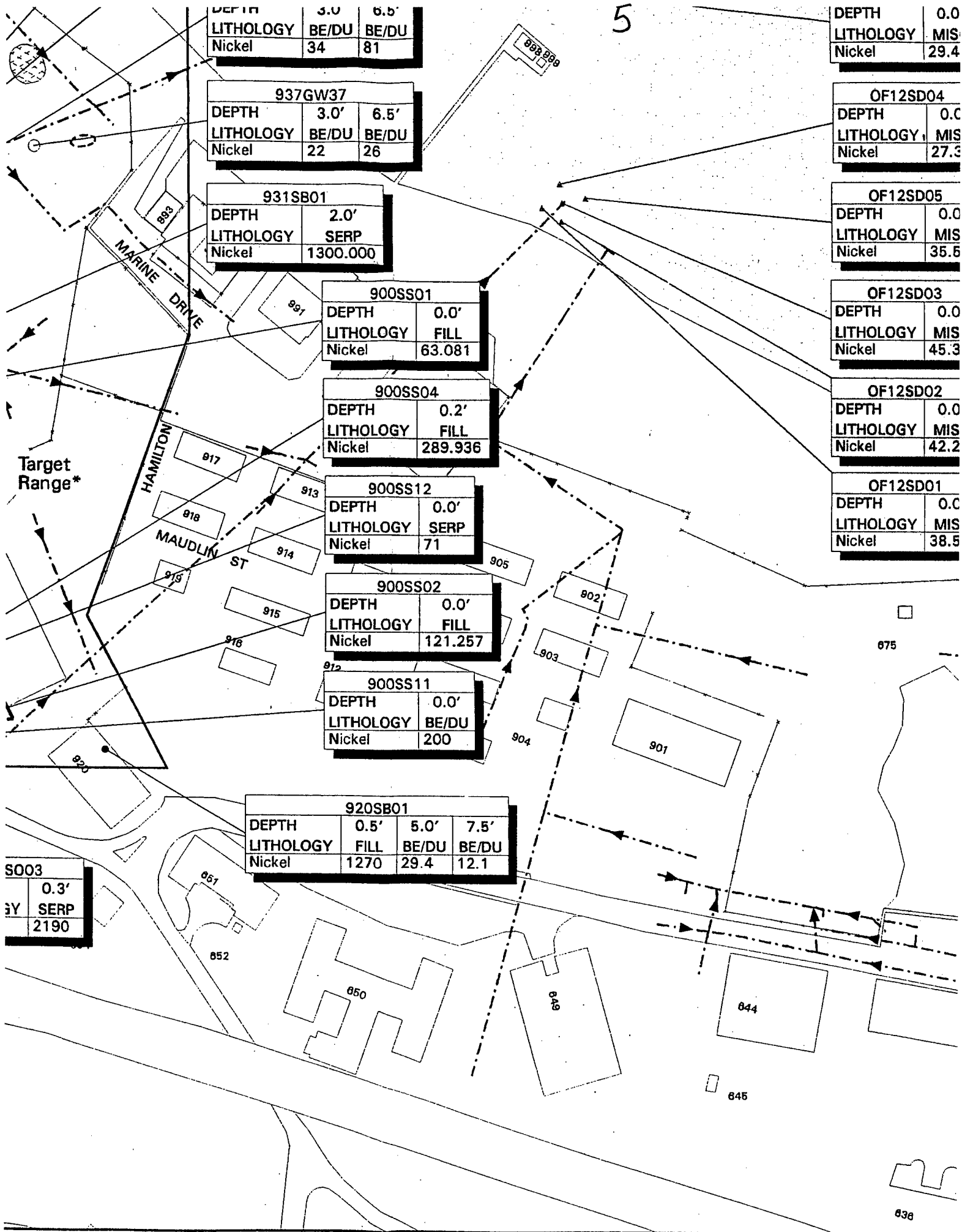
| | |
|-----------|------|
| OF12SD04 | |
| DEPTH | 0.0 |
| LITHOLOGY | MIS |
| Nickel | 27.3 |

| | |
|-----------|------|
| OF12SD05 | |
| DEPTH | 0.0 |
| LITHOLOGY | MIS |
| Nickel | 35.6 |

| | |
|-----------|------|
| OF12SD03 | |
| DEPTH | 0.0 |
| LITHOLOGY | MIS |
| Nickel | 45.3 |

| | |
|-----------|------|
| OF12SD02 | |
| DEPTH | 0.0 |
| LITHOLOGY | MIS |
| Nickel | 42.2 |

| | |
|-----------|------|
| OF12SD01 | |
| DEPTH | 0.0 |
| LITHOLOGY | MIS |
| Nickel | 38.5 |



| LITHOLOGY | MISC |
|-----------|------|
| Nickel | 29.4 |

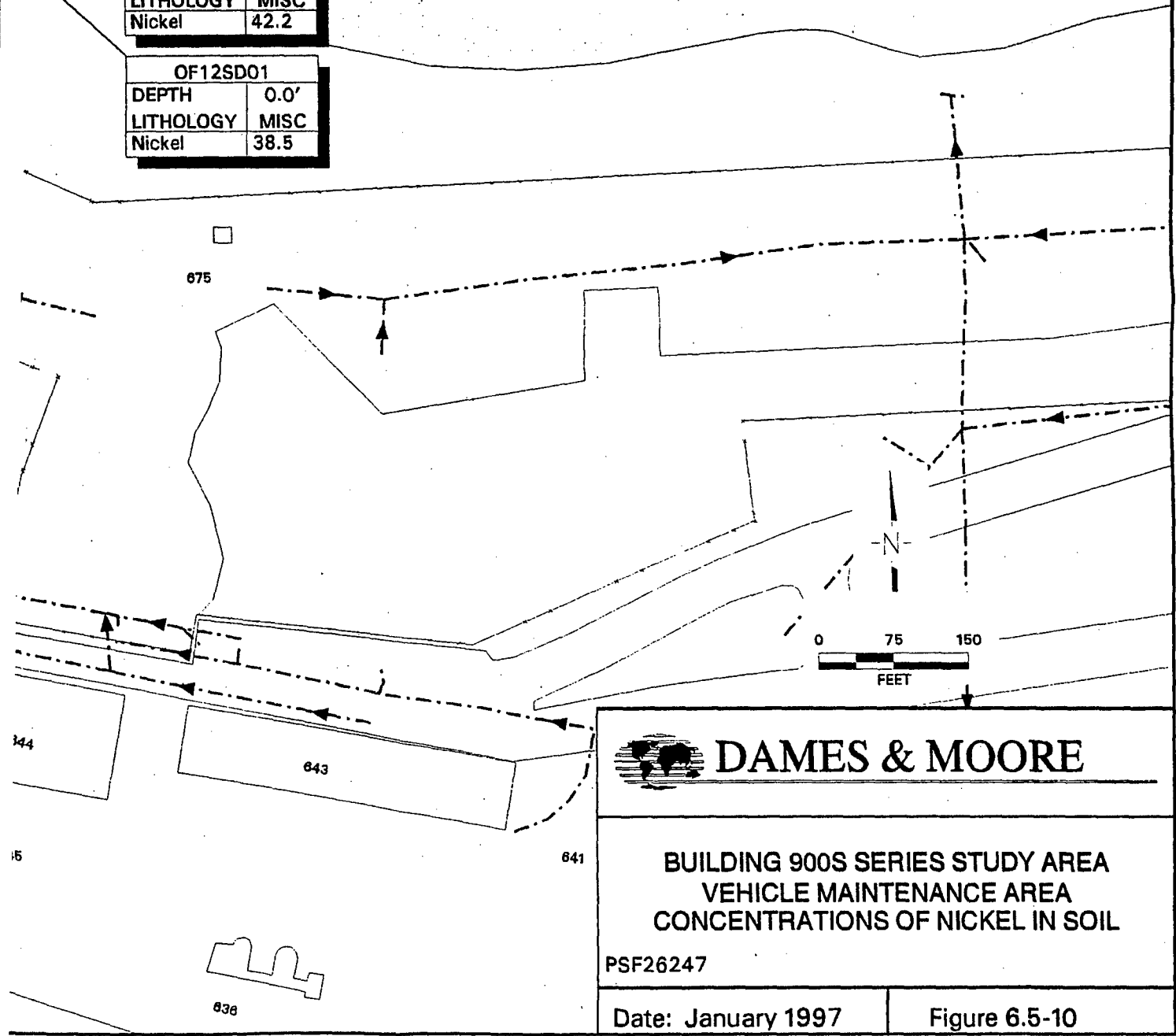
| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 27.3 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 35.5 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 45.3 |

| OF12SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 42.2 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 38.5 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF NICKEL IN SOIL**

PSF26247

Date: January 1997

Figure 6.5-10

Surface Trace
of Bedrock Outcrop

San Francisco Bay

Buildir
Series
Area/E

| 900SS22 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 240 |

| 900SS03 | |
|-----------|---------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 224.399 |

| 937GW36 | | | |
|-----------|------|------|--|
| DEPTH | 3.0' | 6.5' | |
| LITHOLOGY | FILL | FILL | |
| Zinc | 18 | 15 | |

| | |
|----------|--|
| DEPTH | |
| LITHOLOG | |
| Zinc | |

| 900SS20 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 520 |

| 900SS21 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 810 |

| 900SS09 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Zinc | 597.198 |

| 900SS08 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Zinc | 386.873 |

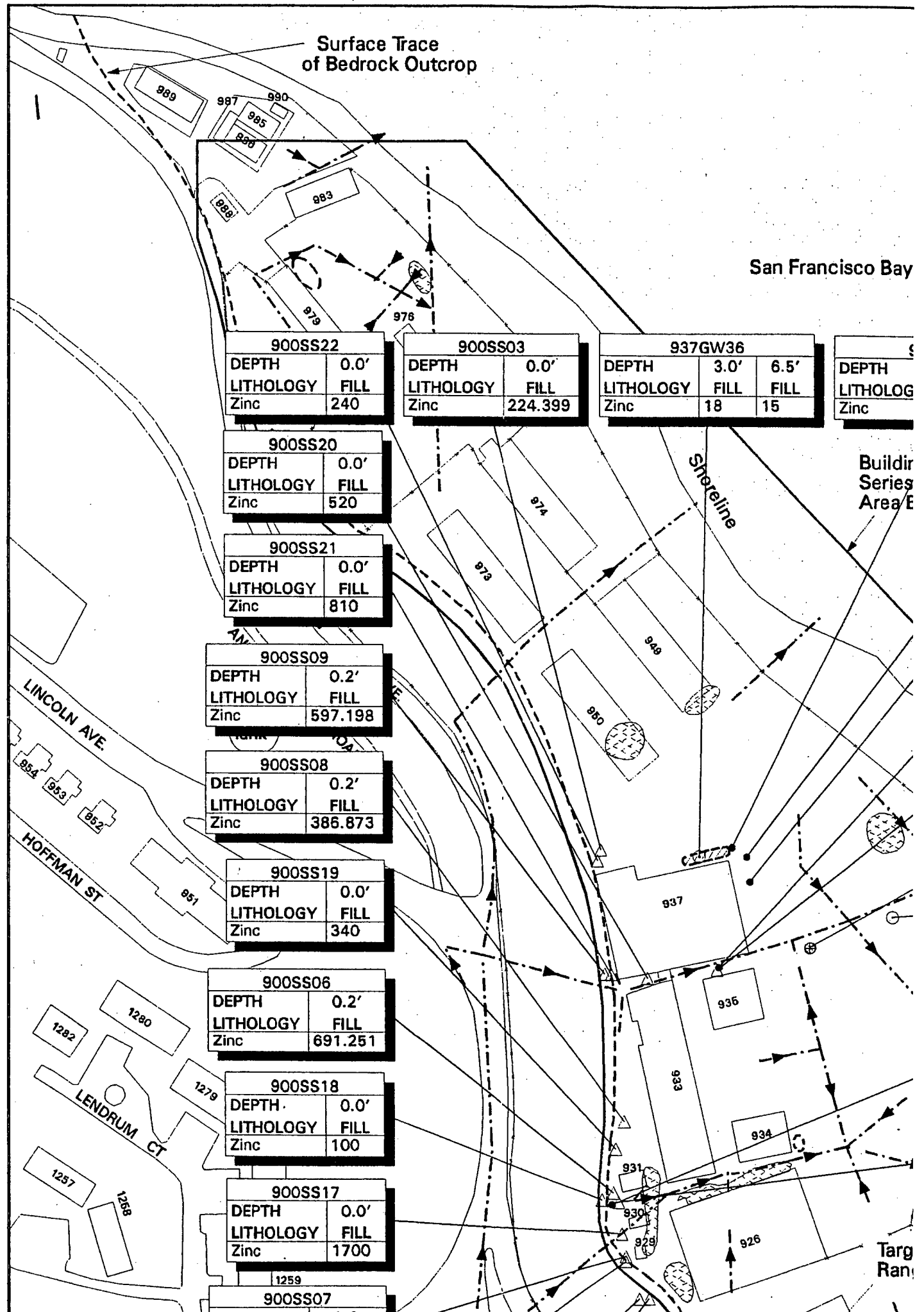
| 900SS19 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 340 |

| 900SS06 | |
|-----------|---------|
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Zinc | 691.251 |

| 900SS18 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 100 |

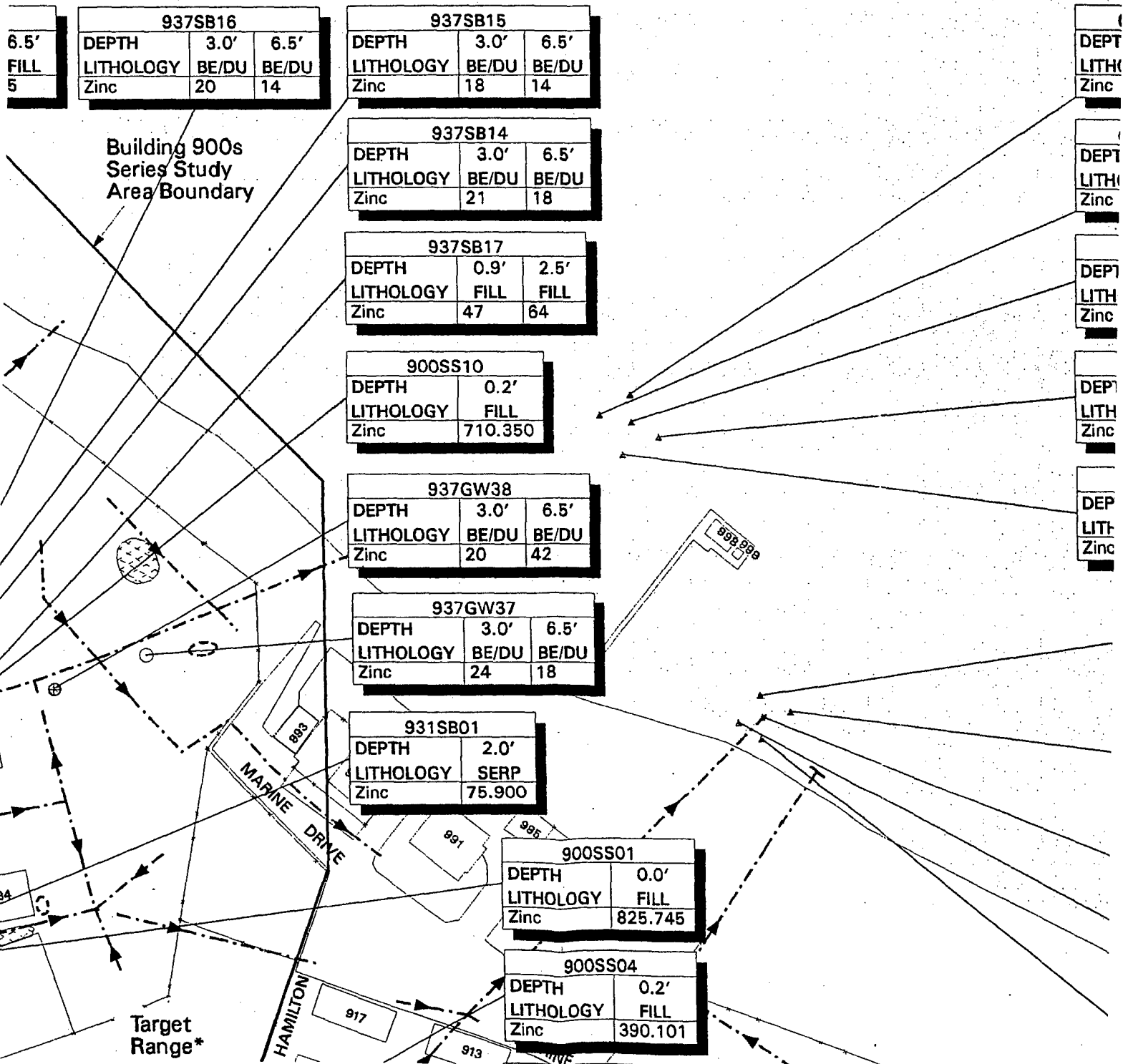
| 900SS17 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 1700 |

| 900SS07 | |
|---------|--|
|---------|--|






2

n Francisco Bay



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- > STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| OF13SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22.7 |

| OF13SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 21.2 |

| OF13SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22.9 |

| OF13SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 17.6 |

| OF13SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 23.5 |

| OF12SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 20.8 |

| OF12SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 25.6 |

| OF12SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22.7 |

| OF12SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 26.5 |

| OF12SD02 | |
|----------|--|
|----------|--|

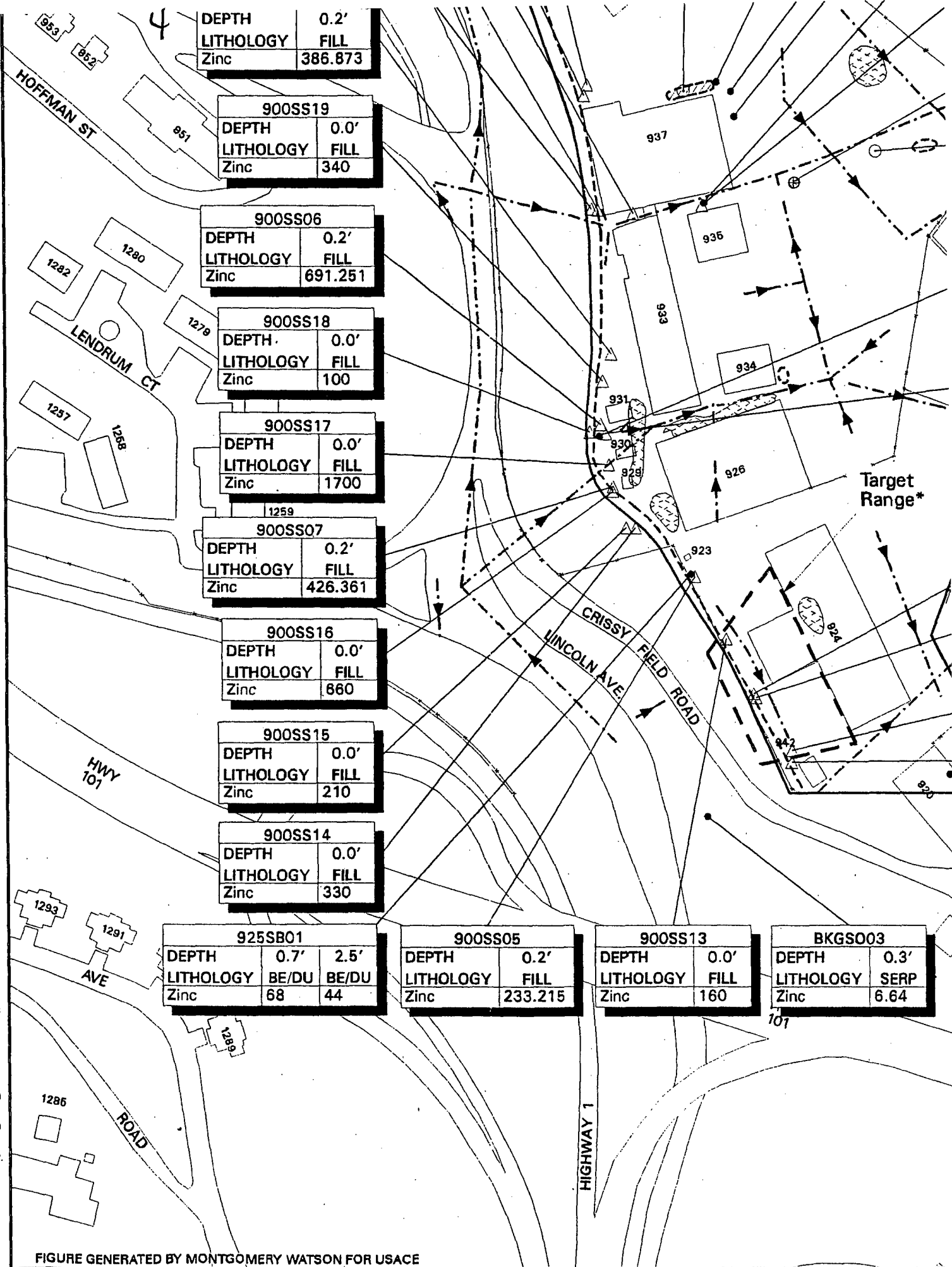


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

| | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Zinc | 20 | 42 |

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 23.5 |

| | | |
|-----------|-------|-------|
| 937GW37 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Zinc | 24 | 18 |

| | |
|-----------|--------|
| 931SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | SERP |
| Zinc | 75.900 |

| | |
|-----------|---------|
| 900SS01 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 825.745 |

| | |
|-----------|---------|
| 900SS04 | |
| DEPTH | 0.2' |
| LITHOLOGY | FILL |
| Zinc | 390.101 |

| | |
|-----------|------|
| 900SS12 | |
| DEPTH | 0.0' |
| LITHOLOGY | SERP |
| Zinc | 180 |

| | |
|-----------|---------|
| 900SS02 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 774.502 |

| | |
|-----------|-------|
| 900SS11 | |
| DEPTH | 0.0' |
| LITHOLOGY | BE/DU |
| Zinc | 170 |

| | | | |
|-----------|------|-------|-------|
| 920SB01 | | | |
| DEPTH | 0.5' | 5.0' | 7.5' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Zinc | 36.7 | 17.9 | 12.6 |

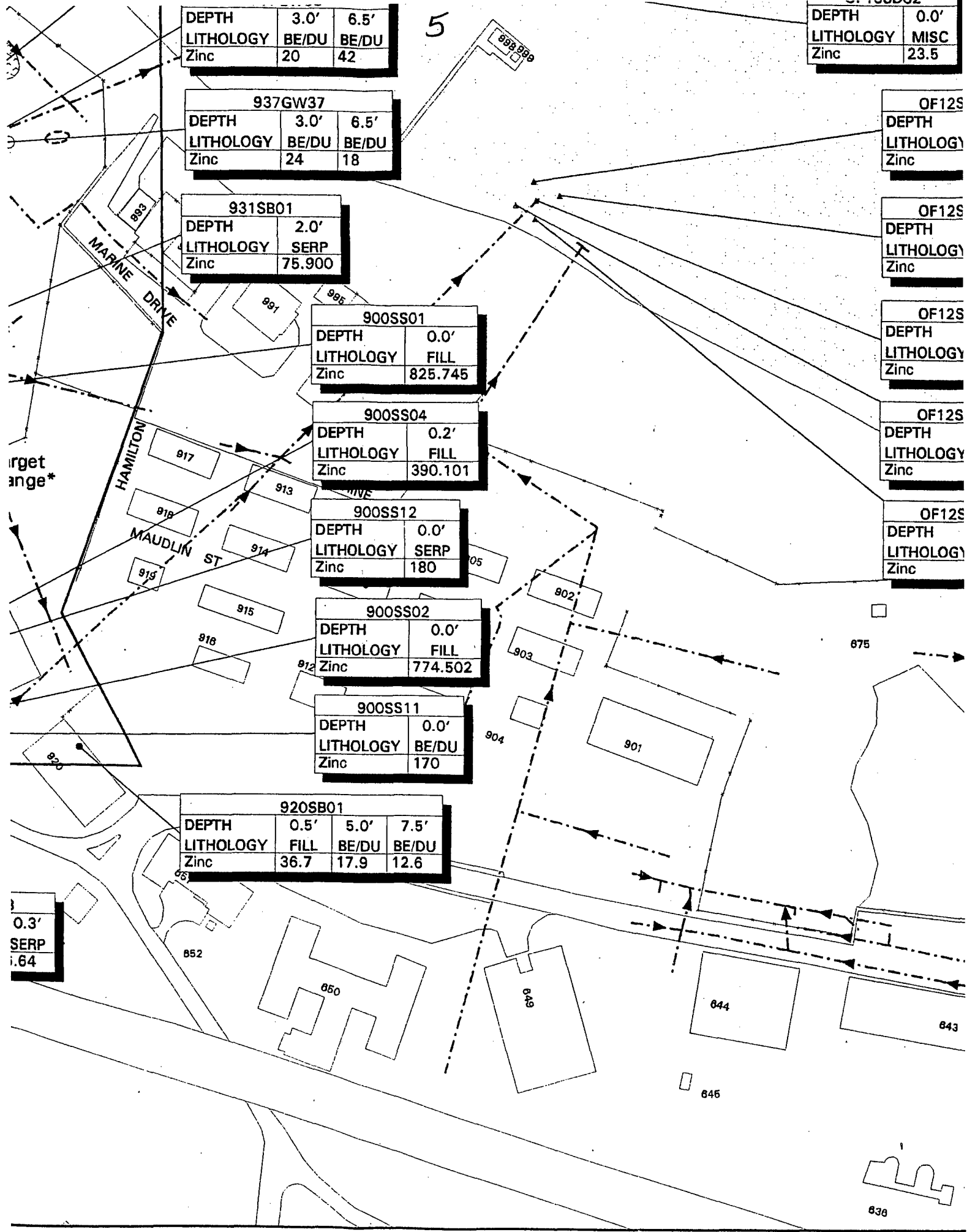
| | |
|-----------|--|
| OF12S | |
| DEPTH | |
| LITHOLOGY | |
| Zinc | |

| | |
|-----------|--|
| OF12S | |
| DEPTH | |
| LITHOLOGY | |
| Zinc | |

| | |
|-----------|--|
| OF12S | |
| DEPTH | |
| LITHOLOGY | |
| Zinc | |

| | |
|-----------|--|
| OF12S | |
| DEPTH | |
| LITHOLOGY | |
| Zinc | |

| | |
|-----------|--|
| OF12S | |
| DEPTH | |
| LITHOLOGY | |
| Zinc | |



| |
|------|
| 0.3' |
| SERP |
| 1.64 |

OF12SD02

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 23.5 |

6

OF12SD04

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 20.8 |

OF12SD05

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 25.6 |

OF12SD03

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22.7 |

OF12SD01

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 26.5 |

OF12SD02

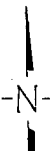
| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 26.1 |

675

643

641

638



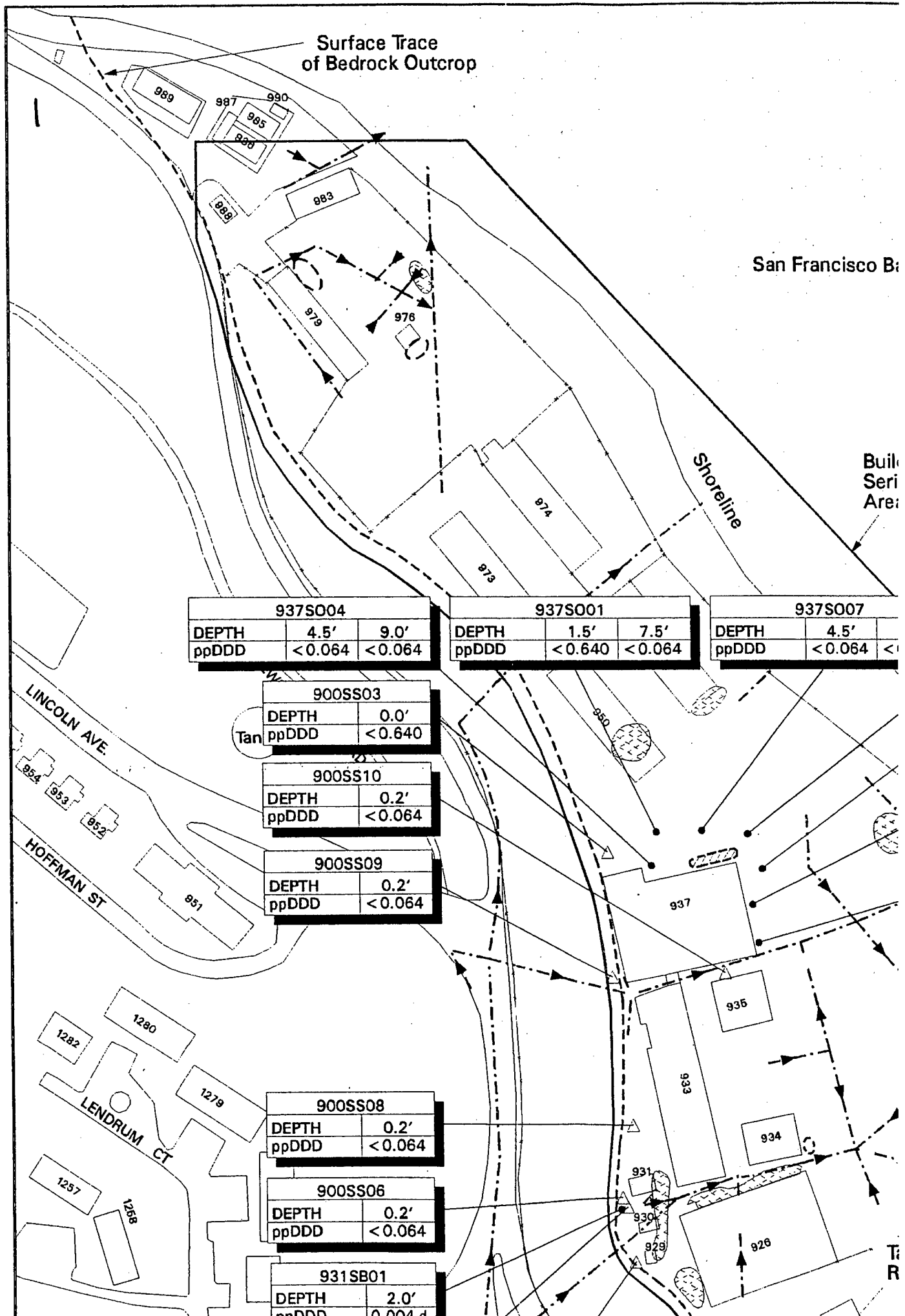
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF ZINC IN SOIL**

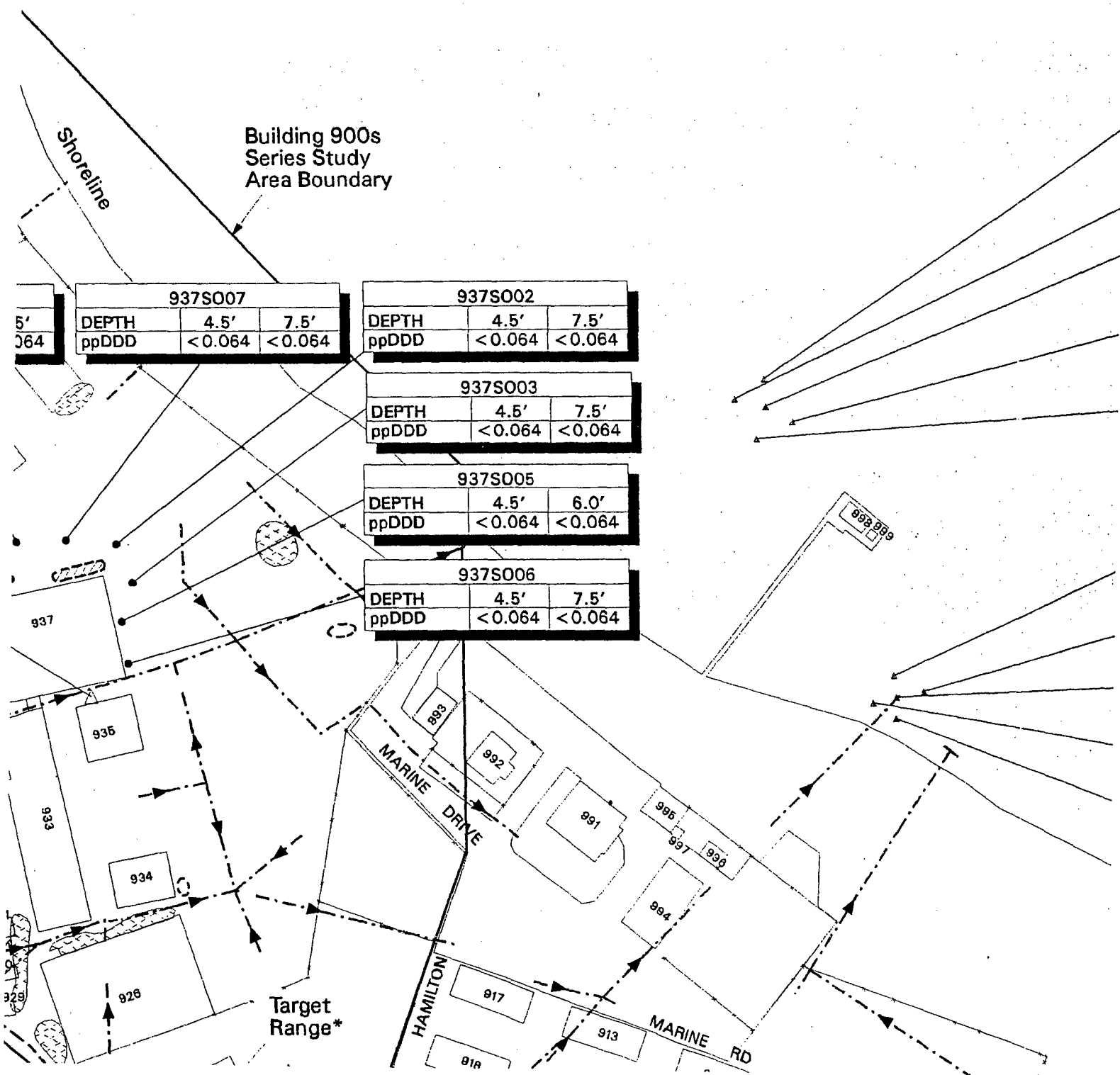
PSF26251

Date: January 1997

Figure 6.5-11



San Francisco Bay



EXPLANATION

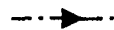
- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF13SD01 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF13SD03 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF13SD05 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF13SD02 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD04 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD05 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD03 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD01 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD02 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

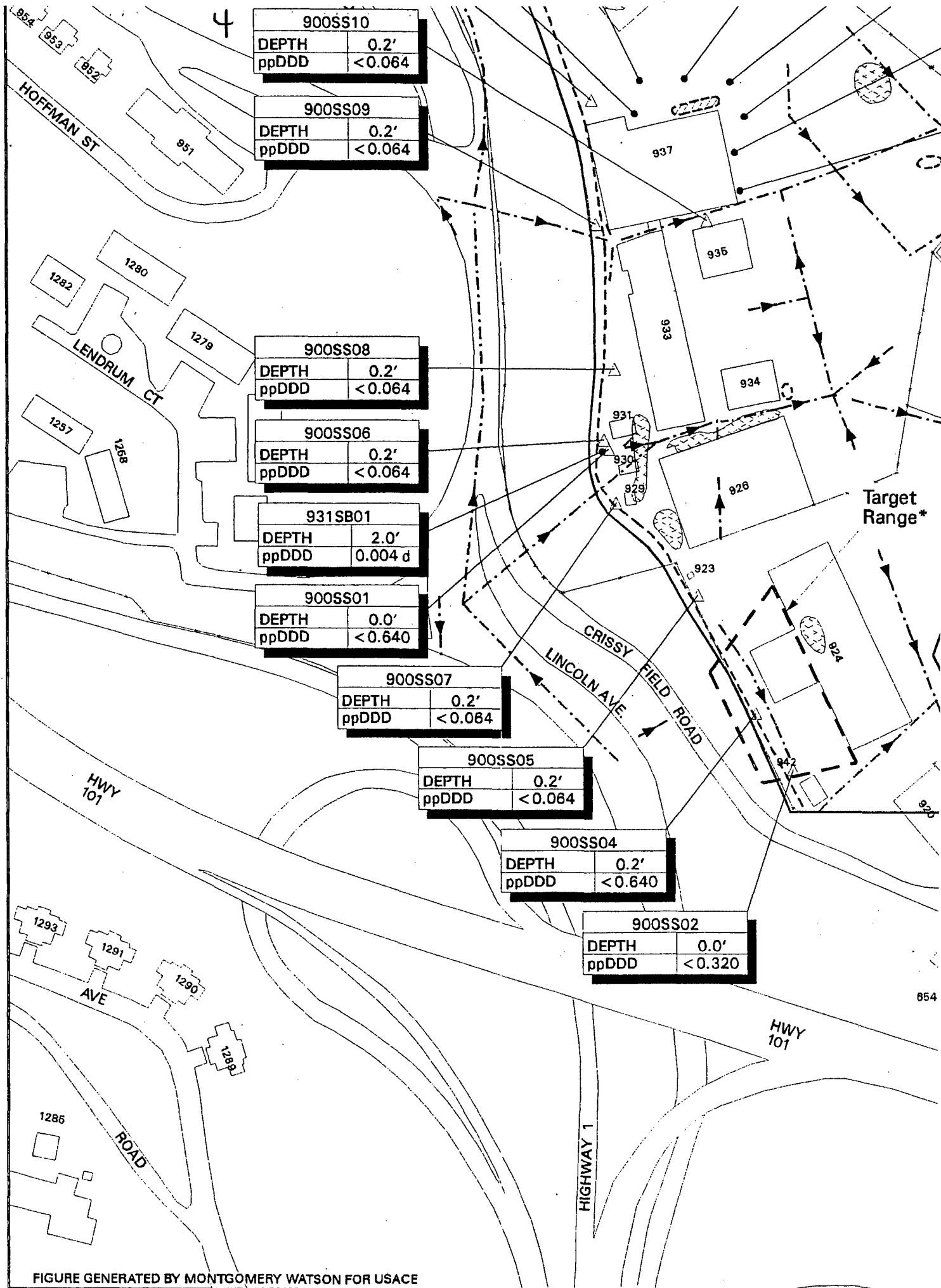


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

937S005

| | | |
|-------|--------|--------|
| DEPTH | 4.5' | 6.0' |
| ppDDD | <0.064 | <0.064 |

937S006

| | | |
|-------|--------|--------|
| DEPTH | 4.5' | 7.5' |
| ppDDD | <0.064 | <0.064 |

OF12SD04

| | |
|-------|------|
| DEPTH | 0.0 |
| ppDDD | <0.0 |

OF12SD05

| | |
|-------|------|
| DEPTH | 0.0 |
| ppDDD | <0.0 |

OF12SD03

| | |
|-------|------|
| DEPTH | 0.0 |
| ppDDD | <0.0 |

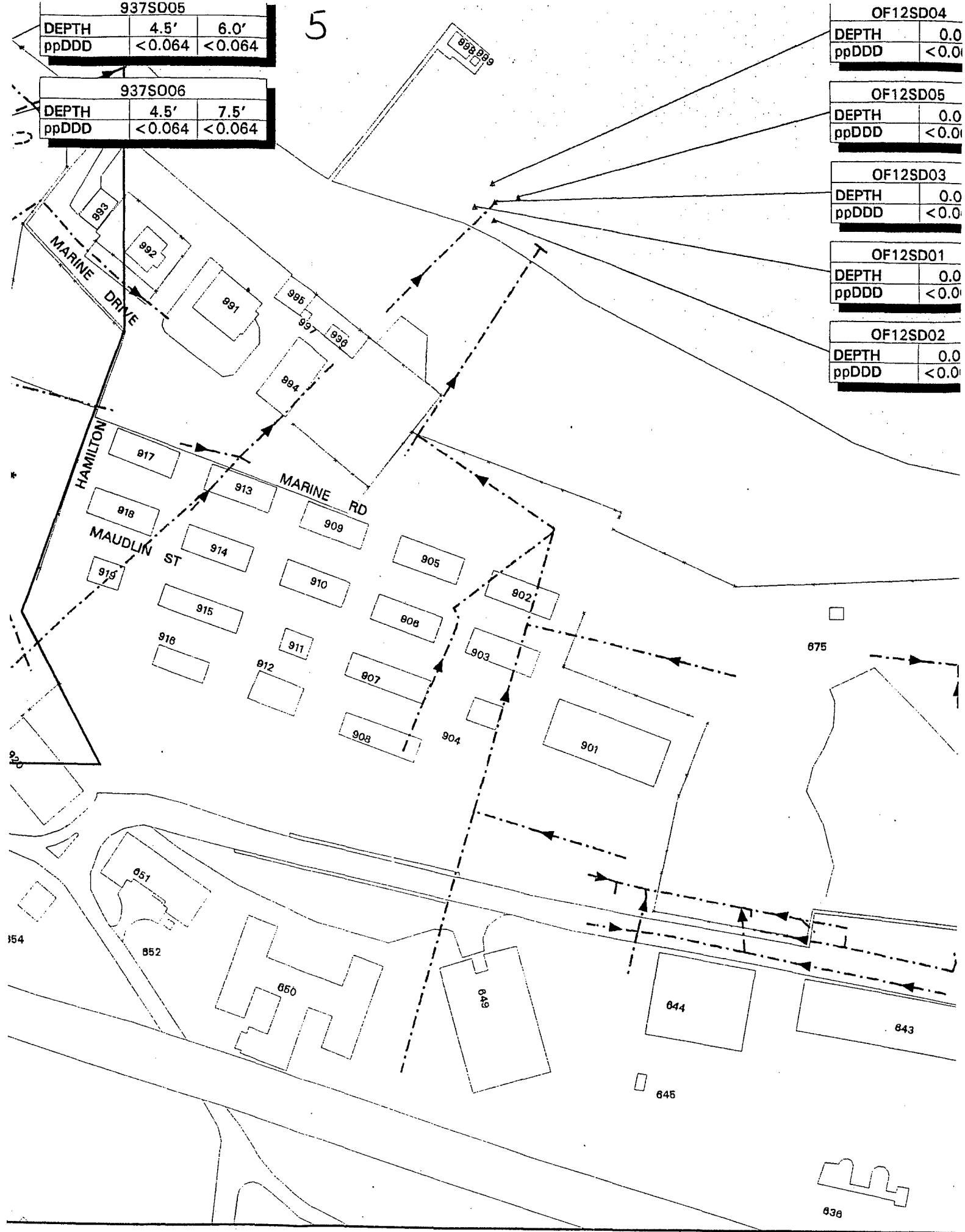
OF12SD01

| | |
|-------|------|
| DEPTH | 0.0 |
| ppDDD | <0.0 |

OF12SD02

| | |
|-------|------|
| DEPTH | 0.0 |
| ppDDD | <0.0 |

5



6

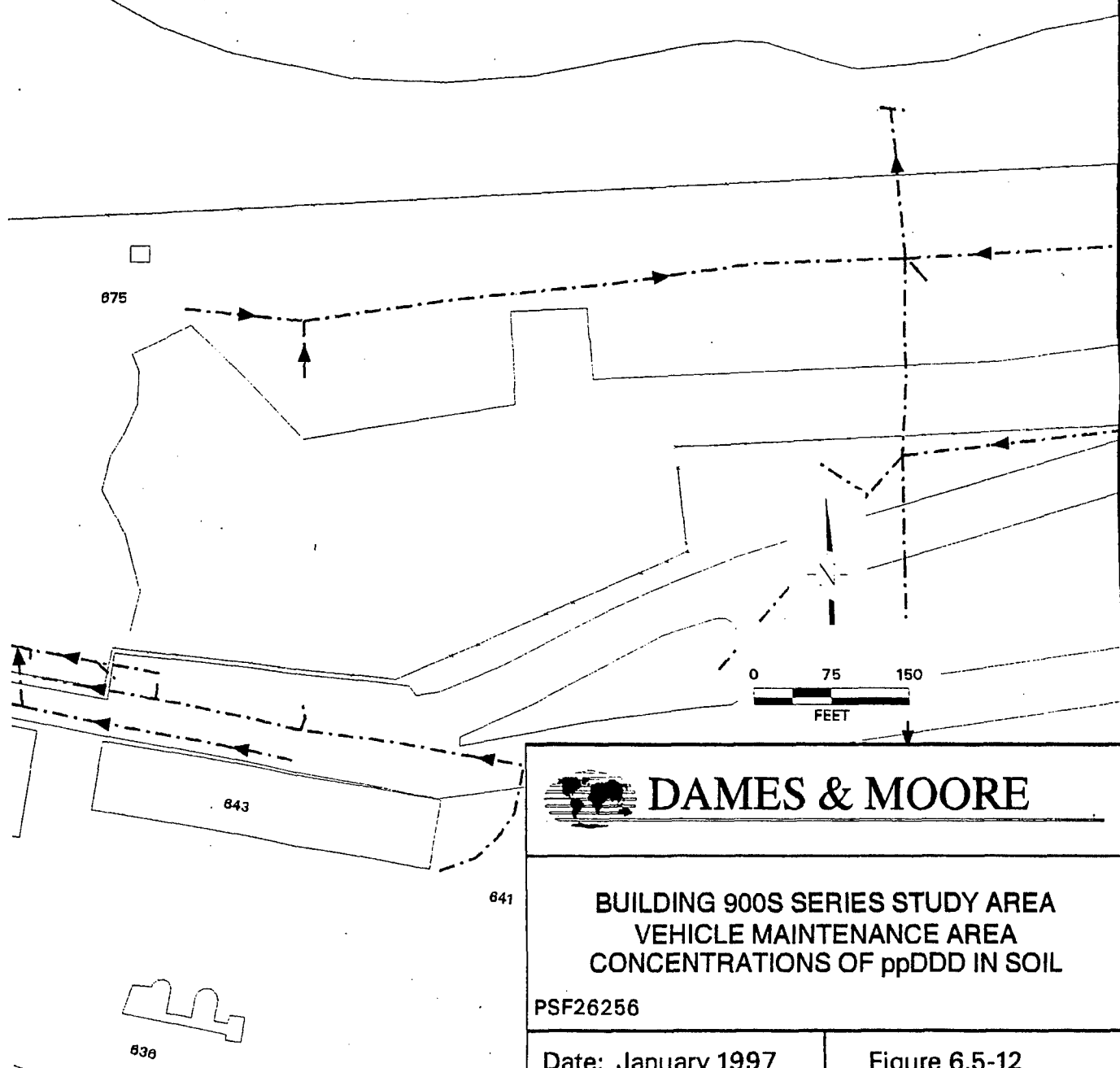
| OF12SD04 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD05 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD03 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD01 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |

| OF12SD02 | |
|----------|--------|
| DEPTH | 0.0' |
| ppDDD | <0.005 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF ppDDD IN SOIL**

PSF26256

Date: January 1997

Figure 6.5-12

Surface Trace
of Bedrock Outcrop

San Francisco

Shoreline

B
S
A

| 937S004 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 9.0' |
| ppDDE | <0.068 | <0.068 |

| 937S001 | | |
|---------|--------|--------|
| DEPTH | 1.5' | 7.5' |
| ppDDE | <0.680 | <0.068 |

| 937S00 | |
|--------|-------|
| DEPTH | 4.5' |
| ppDDE | <0.06 |

| 900SS03 | |
|---------|--------|
| DEPTH | 0.0' |
| ppDDE | <0.680 |

| 900SS10 | |
|---------|--------|
| DEPTH | 0.2' |
| ppDDE | <0.068 |

| 900SS09 | |
|---------|--------|
| DEPTH | 0.2' |
| ppDDE | <0.068 |

| 900SS08 | |
|---------|--------|
| DEPTH | 0.2' |
| ppDDE | <0.068 |

| 900SS06 | |
|---------|--------|
| DEPTH | 0.2' |
| ppDDE | <0.068 |

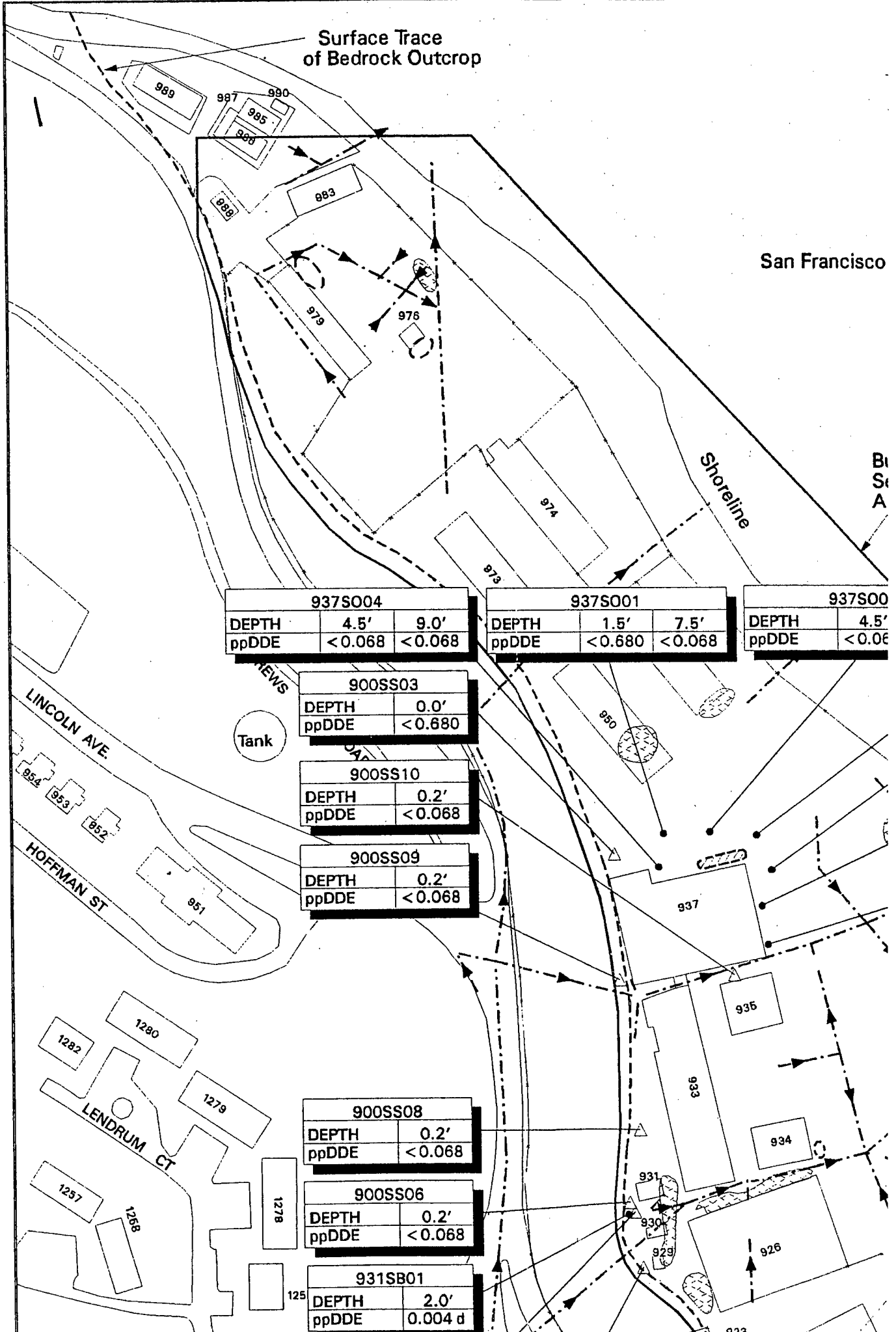
| 931SB01 | |
|---------|---------|
| DEPTH | 2.0' |
| ppDDE | 0.004 d |

Tank

LINCOLN AVE

HOFFMAN ST

LENDRUM CT



**Building 900s
Series Study
Area Boundary**

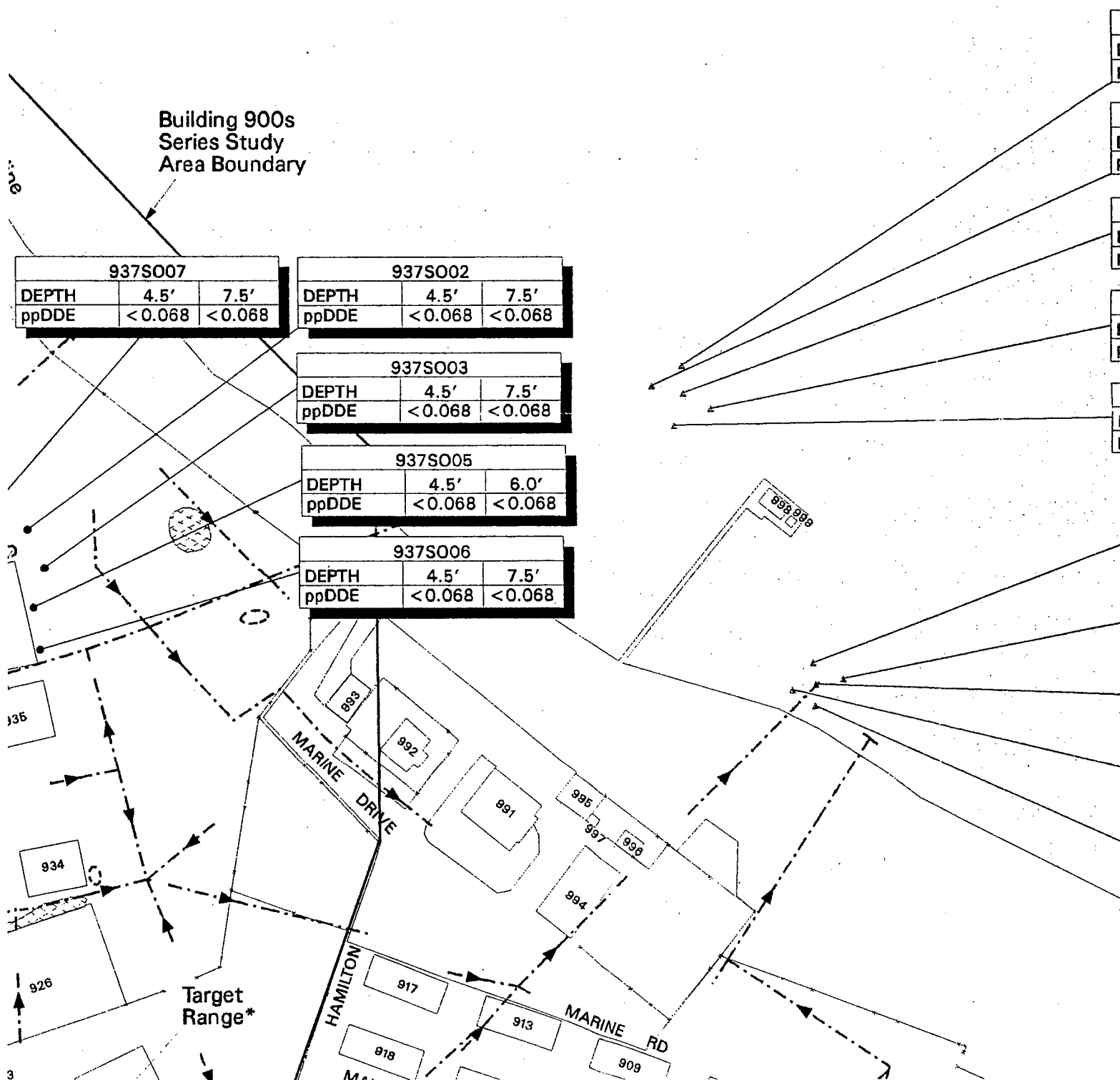
| 937S007 | | |
|---------|---------|---------|
| DEPTH | 4.5' | 7.5' |
| ppDDE | < 0.068 | < 0.068 |

| 937S002 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 7.5' |
| ppDDE | <0.068 | <0.068 |

| 937S003 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 7.5' |
| ppDDE | <0.068 | <0.068 |

| 937S005 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 6.0' |
| ppDDE | <0.068 | <0.068 |

| 937S006 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 7.5' |
| ppDDE | <0.068 | <0.068 |



3

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- SOIL BORING



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF13SD01 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF13SD03 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF13SD05 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF13SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD04 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD05 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD03 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD01 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

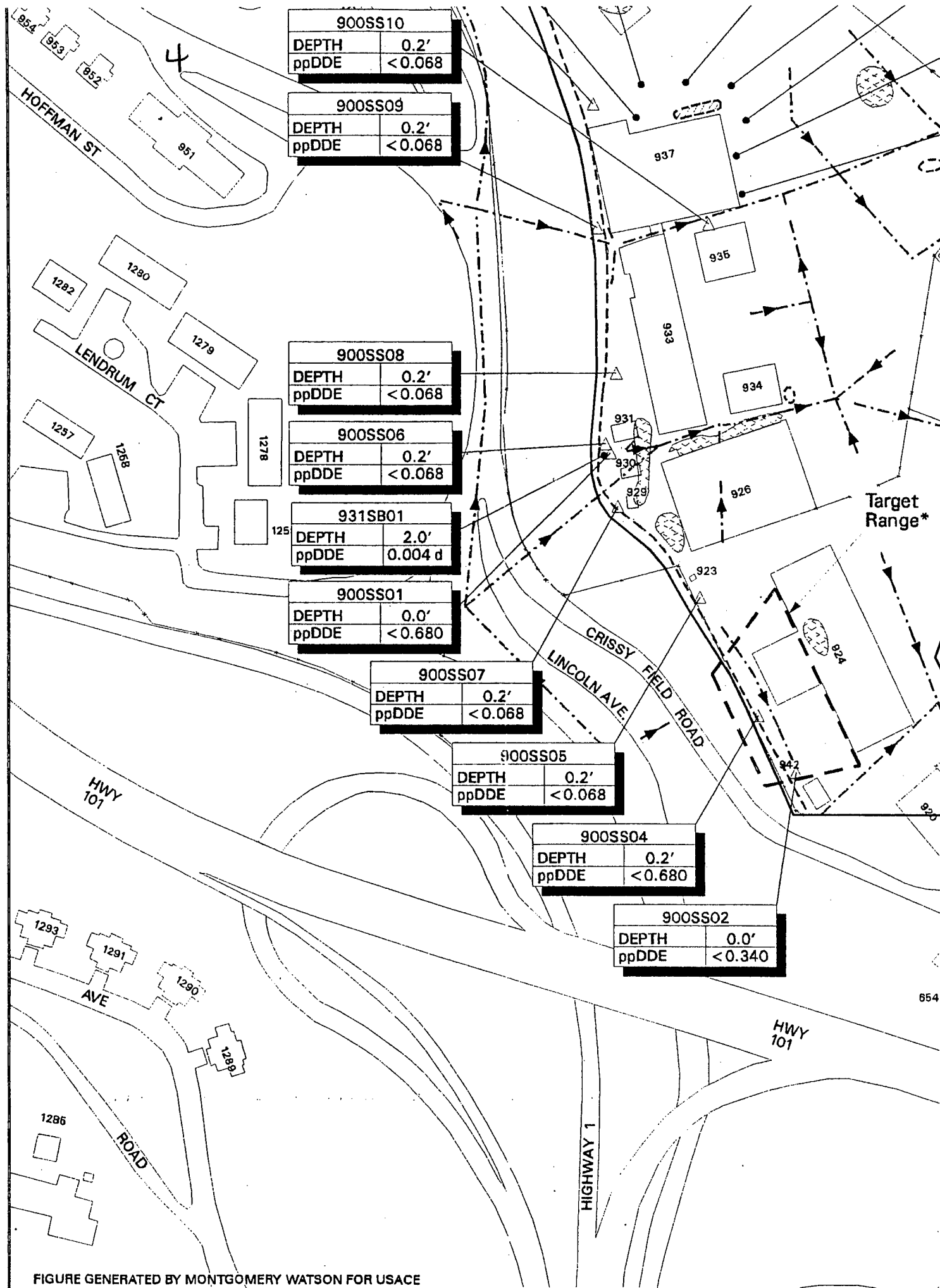


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

| 937S005 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 6.0' |
| ppDDE | <0.068 | <0.068 |

| 937S006 | | |
|---------|--------|--------|
| DEPTH | 4.5' | 7.5' |
| ppDDE | <0.068 | <0.068 |

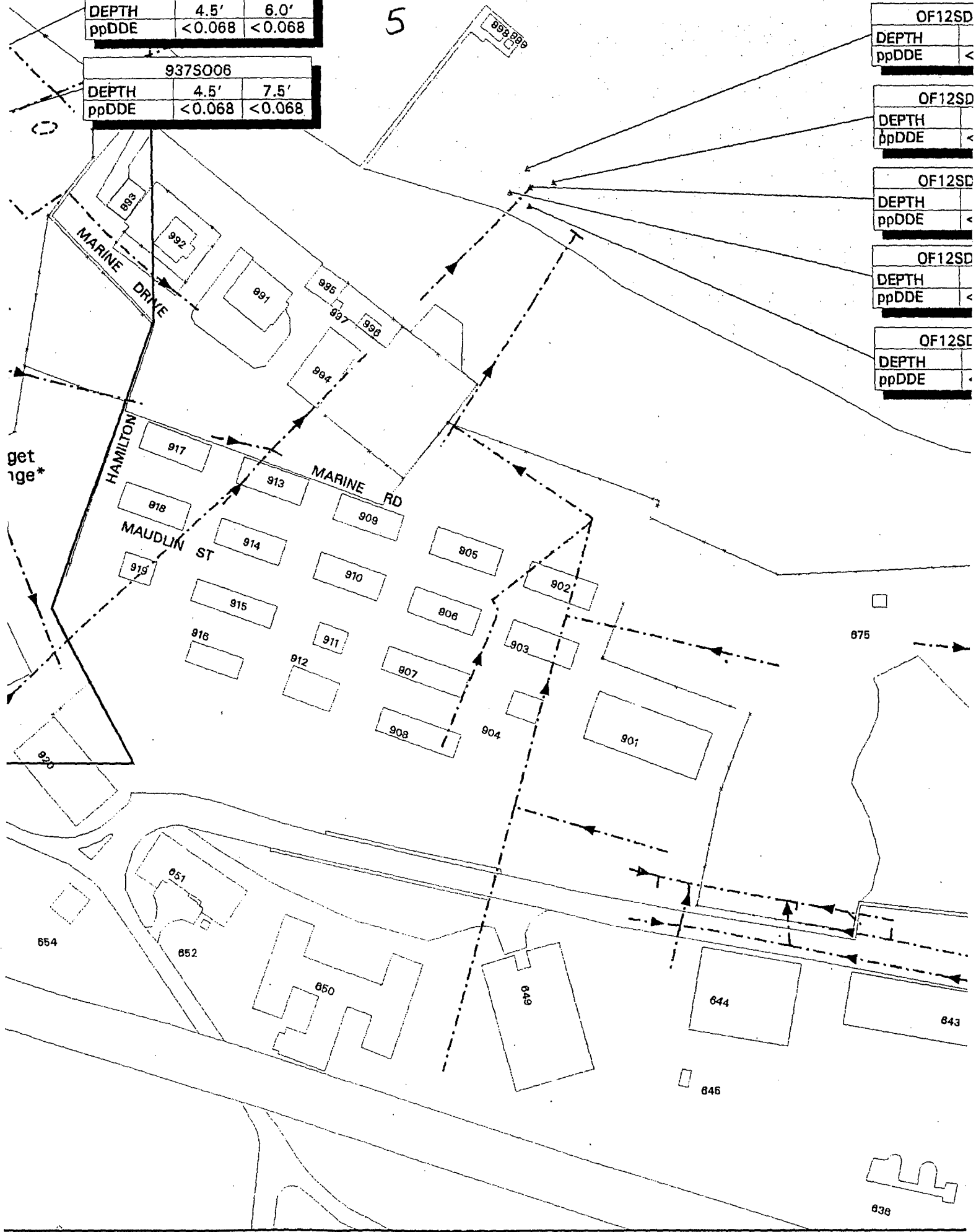
| OF12SD | |
|--------|---|
| DEPTH | |
| ppDDE | < |

| OF12SD | |
|--------|---|
| DEPTH | |
| ppDDE | < |

| OF12SD | |
|--------|---|
| DEPTH | |
| ppDDE | < |

| OF12SD | |
|--------|---|
| DEPTH | |
| ppDDE | < |

| OF12SD | |
|--------|---|
| DEPTH | |
| ppDDE | < |



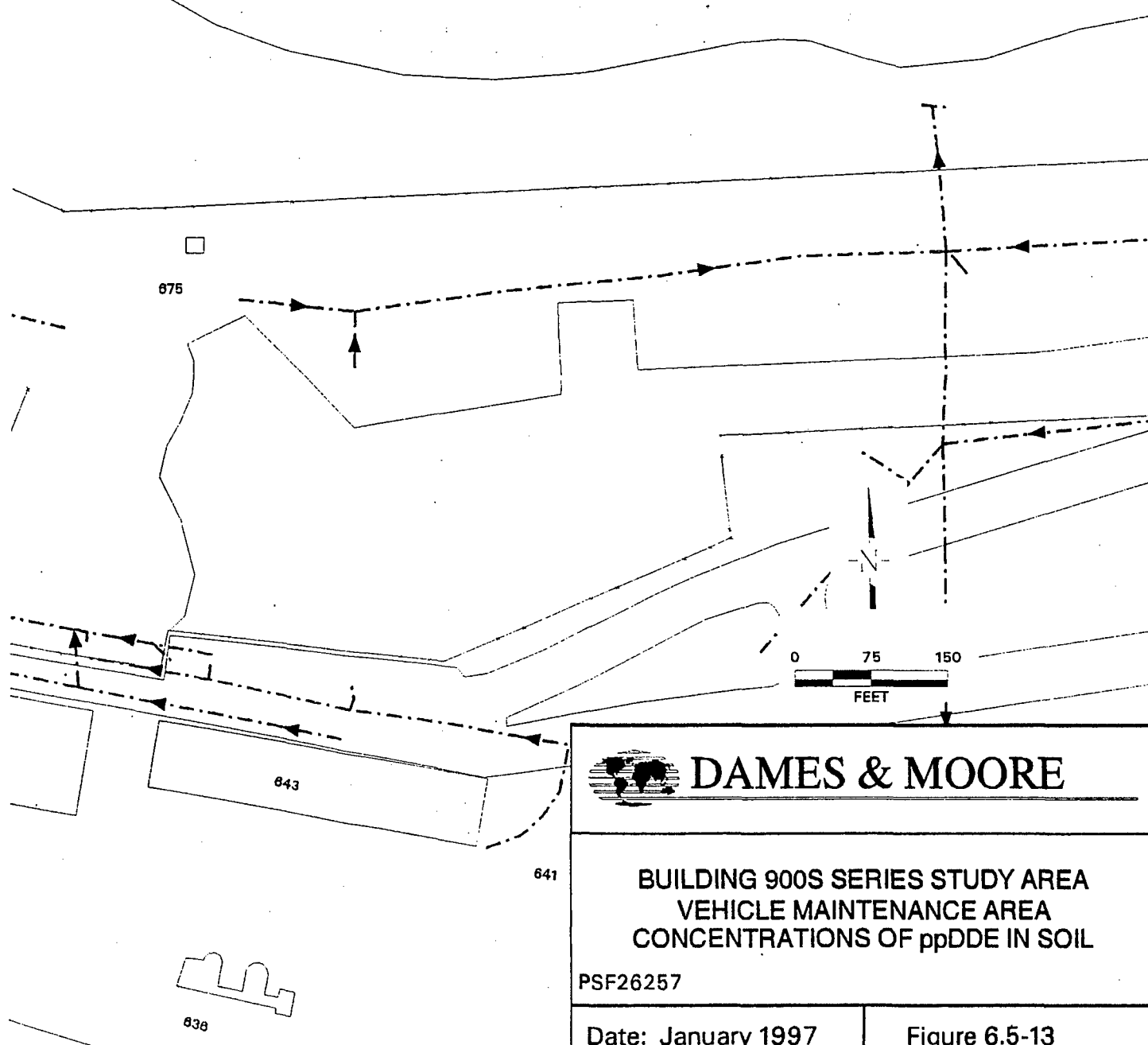
| OF12SD04. | |
|-----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD05 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD03 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD01 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |

| OF12SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDE | <0.0004 |



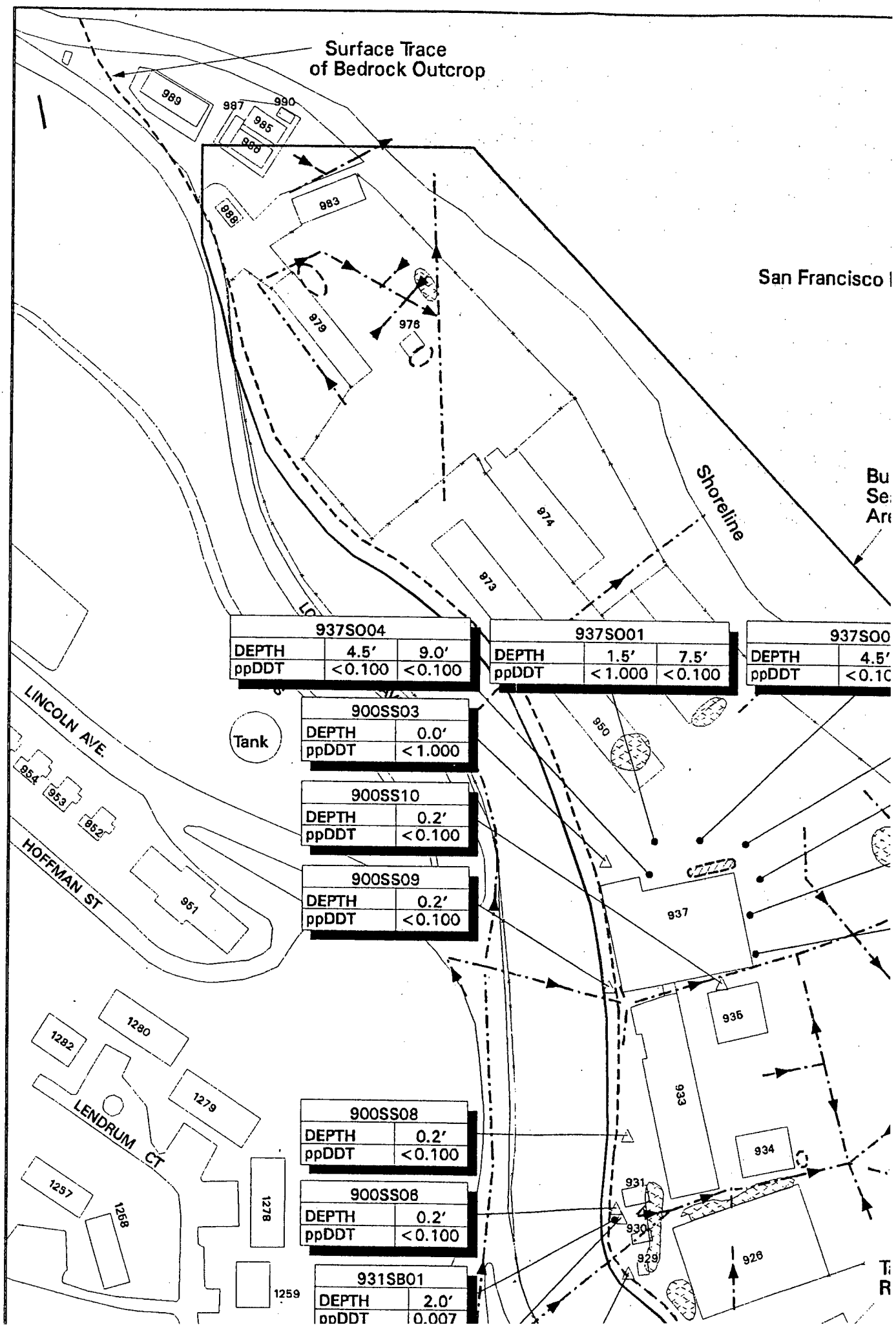
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
VEHICLE MAINTENANCE AREA
CONCENTRATIONS OF ppDDE IN SOIL**

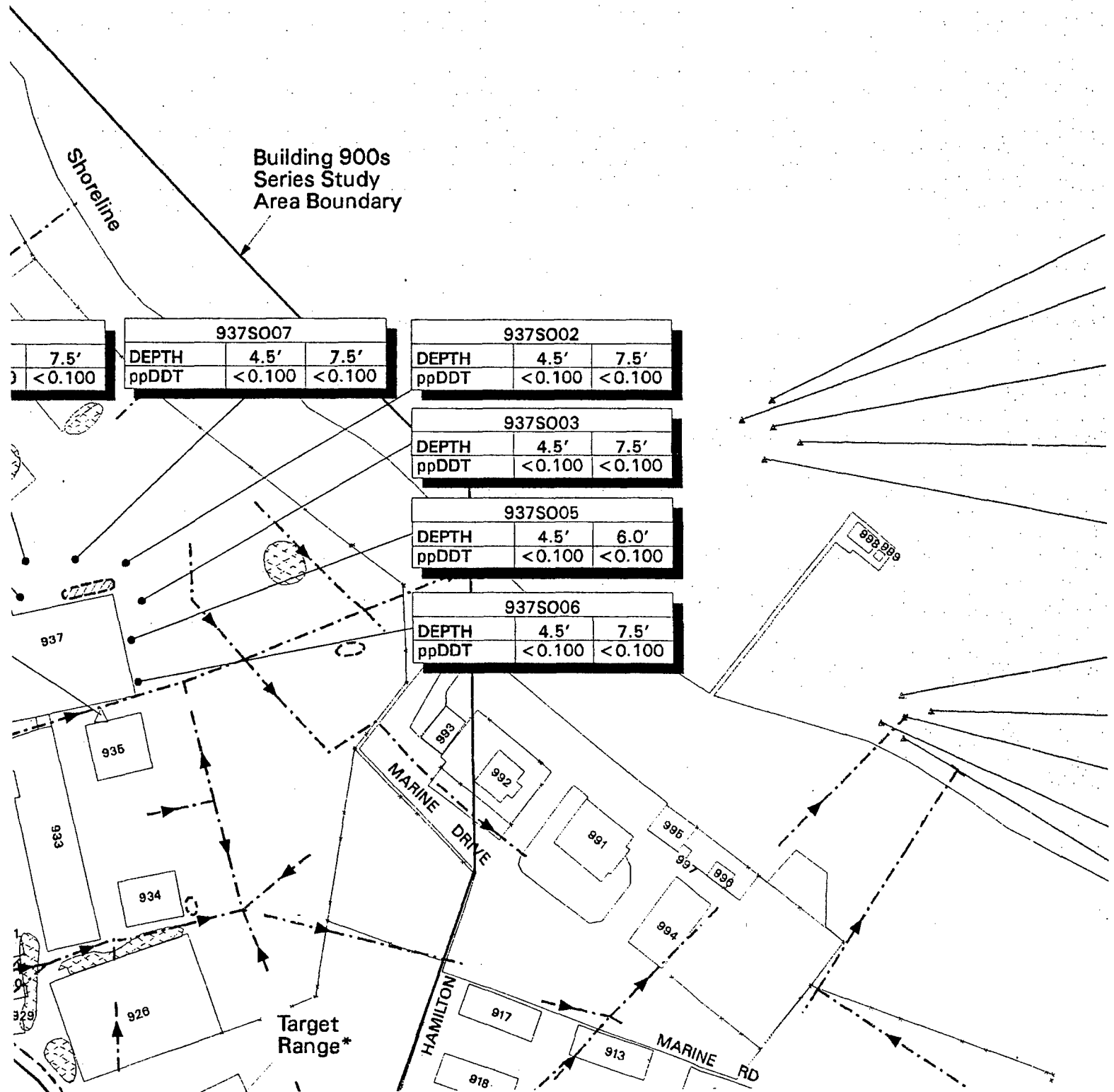
PSF26257

Date: January 1997

Figure 6.5-13



San Francisco Bay



EXPLANATION

ESAP SEDIMENT SAMPLE



SURFACE SOIL SAMPLE



SOIL BORING

APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRAAPPROXIMATE LOCATIONS OF
FORMER USTs

STORM DRAIN WITH FLOW DIRECTION



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

| OF13SD04 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF13SD01 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF13SD03 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF13SD05 | |
|----------|------------|
| DEPTH | 0.0' |
| ppDDT | 0.000316 n |

| OF13SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD04 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD05 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | 0.00127 |

| OF12SD03 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD01 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| | |
|---------|--------|
| 900SS10 | |
| DEPTH | 0.2' |
| ppDDT | <0.100 |

| | |
|---------|--------|
| 900SS09 | |
| DEPTH | 0.2' |
| ppDDT | <0.100 |

| | |
|---------|--------|
| 900SS08 | |
| DEPTH | 0.2' |
| ppDDT | <0.100 |

| | |
|---------|--------|
| 900SS08 | |
| DEPTH | 0.2' |
| ppDDT | <0.100 |

| | |
|---------|-------|
| 931SB01 | |
| DEPTH | 2.0' |
| ppDDT | 0.007 |

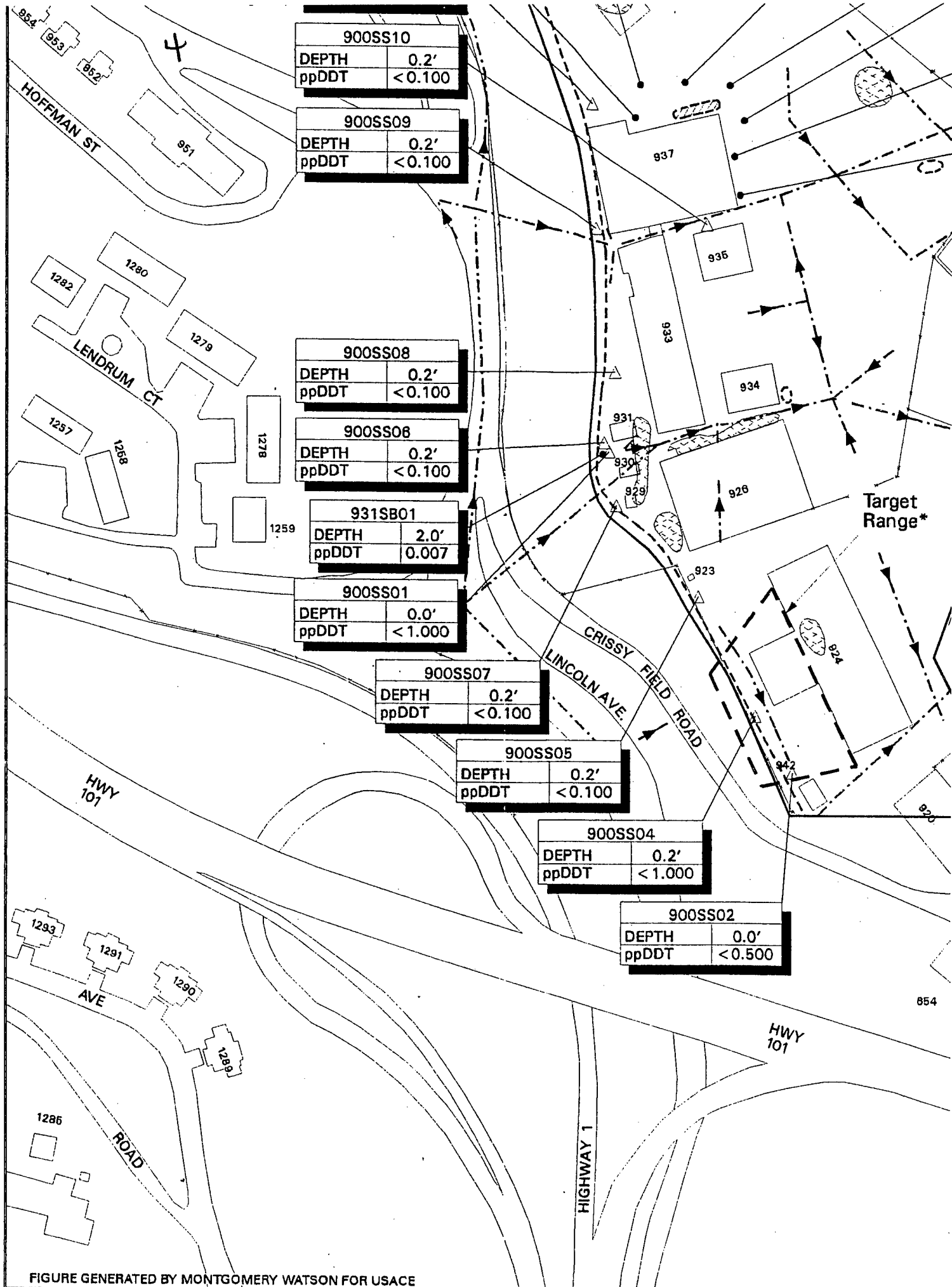
| | |
|---------|--------|
| 900SS01 | |
| DEPTH | 0.0' |
| ppDDT | <1.000 |

| | |
|---------|--------|
| 900SS07 | |
| DEPTH | 0.2' |
| ppDDT | <0.100 |

| | |
|---------|--------|
| 900SS05 | |
| DEPTH | 0.2' |
| ppDDT | <0.100 |

| | |
|---------|--------|
| 900SS04 | |
| DEPTH | 0.2' |
| ppDDT | <1.000 |

| | |
|---------|--------|
| 900SS02 | |
| DEPTH | 0.0' |
| ppDDT | <0.500 |



| | | |
|---------|--------|--------|
| 937SO05 | | |
| DEPTH | 4.5' | 6.0' |
| ppDDT | <0.100 | <0.100 |

| | | |
|---------|--------|--------|
| 937SO06 | | |
| DEPTH | 4.5' | 7.5' |
| ppDDT | <0.100 | <0.100 |

| | |
|----------|---------|
| OF13SD02 | |
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

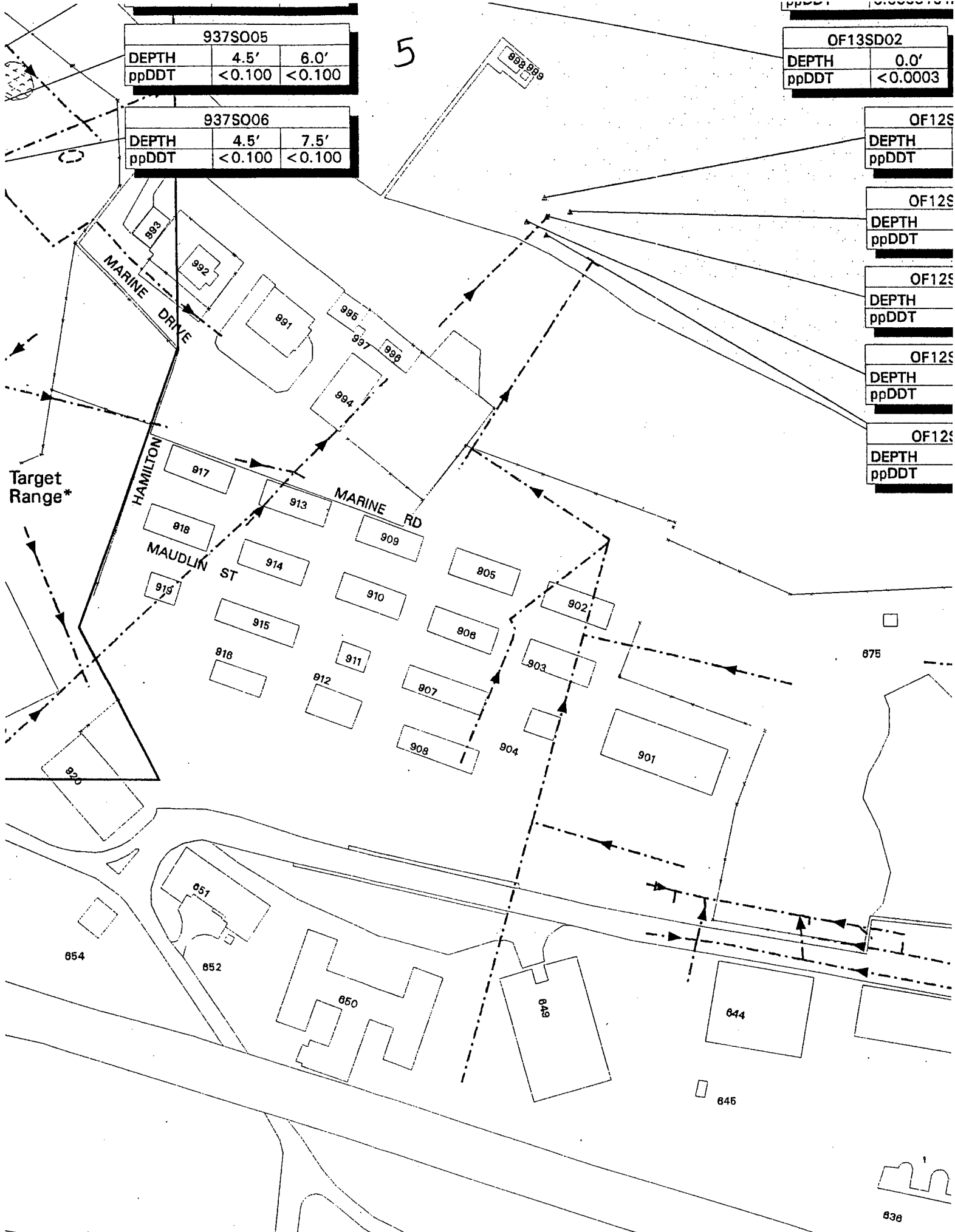
| | |
|-------|--|
| OF12S | |
| DEPTH | |
| ppDDT | |

| | |
|-------|--|
| OF12S | |
| DEPTH | |
| ppDDT | |

| | |
|-------|--|
| OF12S | |
| DEPTH | |
| ppDDT | |

| | |
|-------|--|
| OF12S | |
| DEPTH | |
| ppDDT | |

| | |
|-------|--|
| OF12S | |
| DEPTH | |
| ppDDT | |



| OF13SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

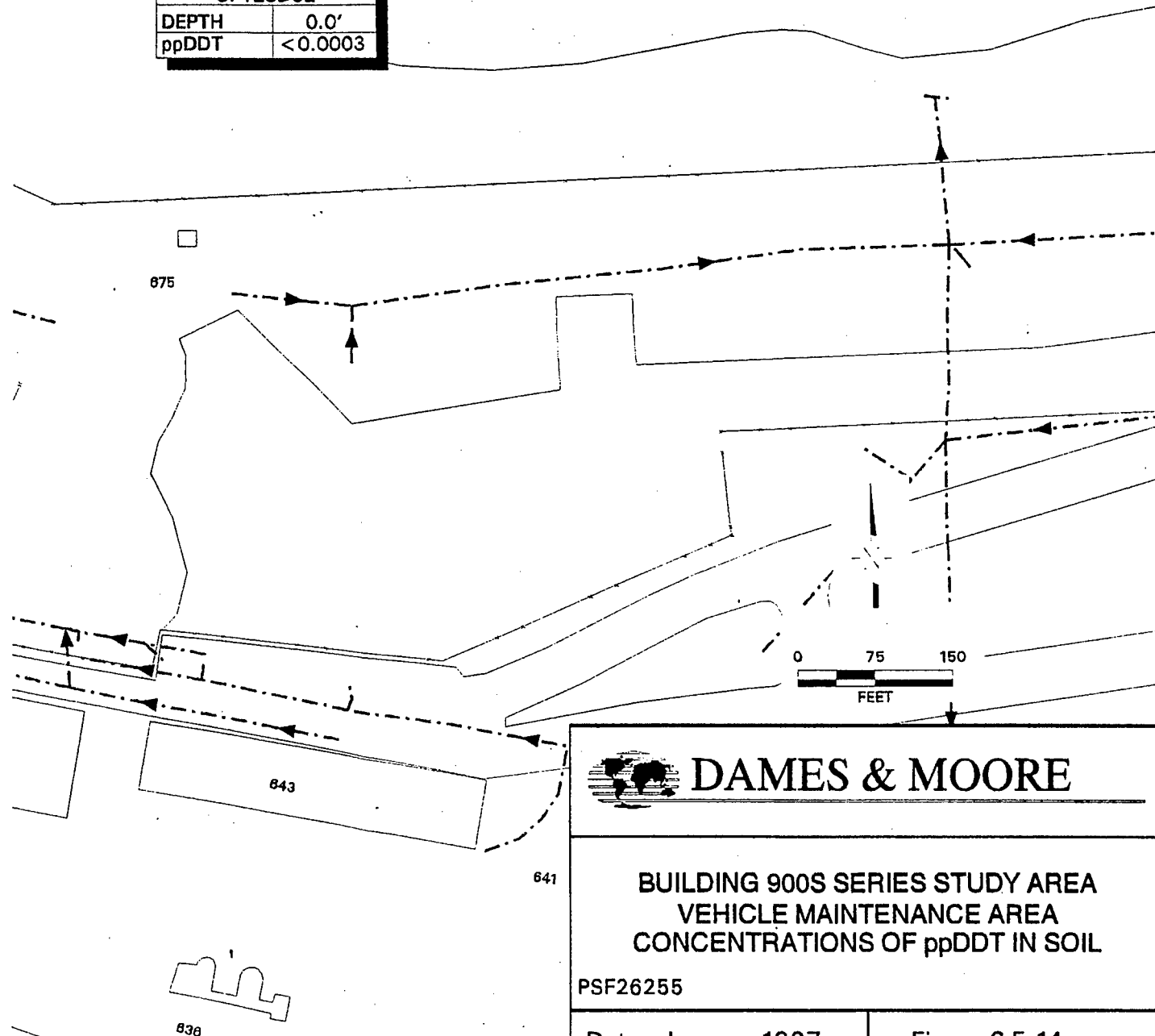
| OF12SD04 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD05 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | 0.00127 |

| OF12SD03 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD01 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |

| OF12SD02 | |
|----------|---------|
| DEPTH | 0.0' |
| ppDDT | <0.0003 |



| OF16SD01 | | | DEP |
|-----------|------|--|------|
| DEPTH | 0.0' | | LIT |
| LITHOLOGY | MISC | | Alur |
| Aluminum | 4540 | | |

| 973SS03 | |
|-----------|----------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Aluminum | 3737.529 |

| 979GW05 | |
|-----------|----------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Aluminum | 4890.000 |

| 973SS02 | |
|-----------|----------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Aluminum | 2509.795 |

| 973SB01 | | |
|-----------|-------|-------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Aluminum | 17000 | 16000 |

| 973SS01 | |
|-----------|----------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Aluminum | 2473.050 |

| 973SS04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 10000 |

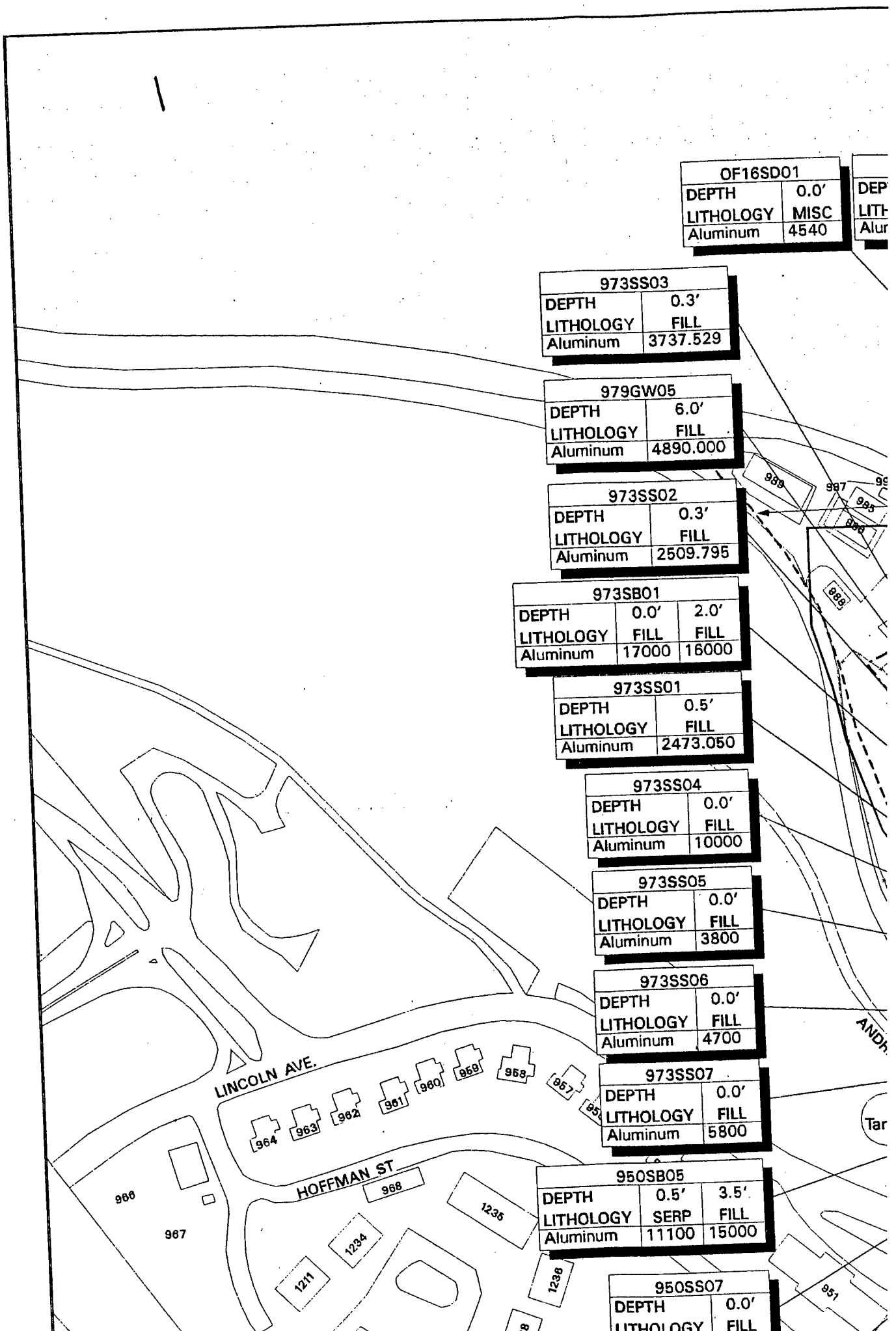
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 3800 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 4700 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 5800 |

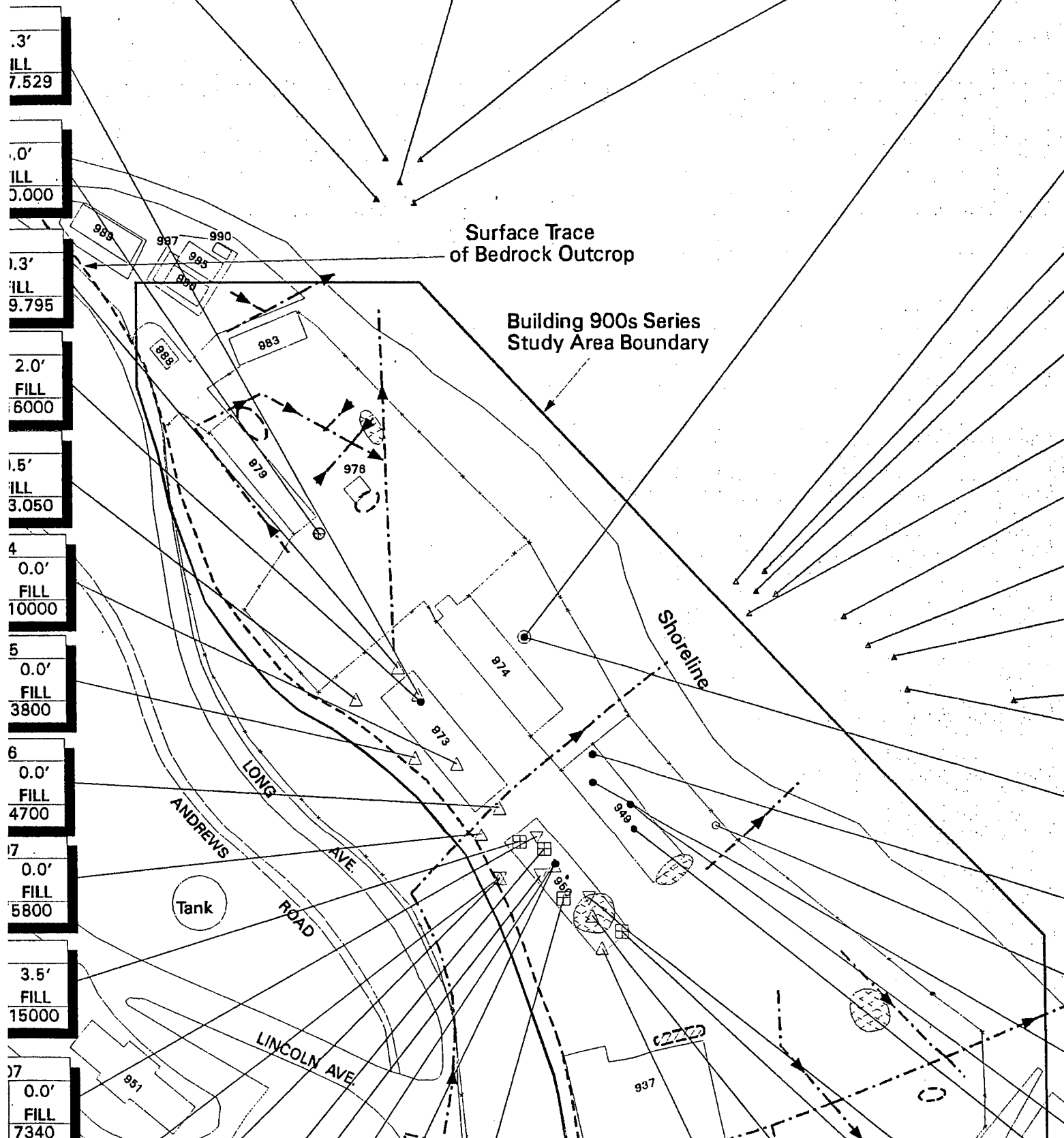
| 950SB05 | | |
|-----------|-------|-------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Aluminum | 11100 | 15000 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |



2

| OF16SD01 | | OF16SD04 | | OF16SD03 | | OF16SD05 | | OF16SD02 | | 979GW07 | |
|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 6. |
| LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | BE |
| Aluminum | 4540 | Aluminum | 6050 | Aluminum | 4680 | Aluminum | 5880 | Aluminum | 5130 | Aluminum | 4220 |



| | |
|-----------|----------|
| 979GW07 | |
| H | 6.7' |
| LITHOLOGY | BE/DU |
| Aluminum | 4220.000 |

| | |
|-----------|------|
| OF15SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 6290 |

| | |
|-----------|------|
| OF15SD04 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4040 |

| | |
|-----------|------|
| OF15SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 7190 |

| | |
|-----------|------|
| OF15SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 6230 |

| | |
|-----------|------|
| OF15SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 3520 |

| | |
|-----------|------|
| 900SD13 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 4610 |

| | |
|-----------|------|
| 900SD10 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 5040 |

| | |
|-----------|------|
| 900SD12 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 3760 |

| | |
|-----------|------|
| 900SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 6800 |




| | |
|-----------|------|
| 900SD11 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 5140 |

| | |
|-----------|----------|
| 979SB01 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Aluminum | 3290.000 |

| | | | |
|-----------|-------|-------|-------|
| 949SB04 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Aluminum | 13200 | 5800 | 5760 |

| | | |
|-----------|-------|-------|
| 937GW39 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 6900 | 3900 |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊞ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 973SS04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 10000 |

| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 3800 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 4700 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 5800 |

| 950SB05 | | |
|-----------|-------|-------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Aluminum | 11100 | 15000 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 7340 |

| 950SS04MW | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 5610 |

| 950SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 6200 |

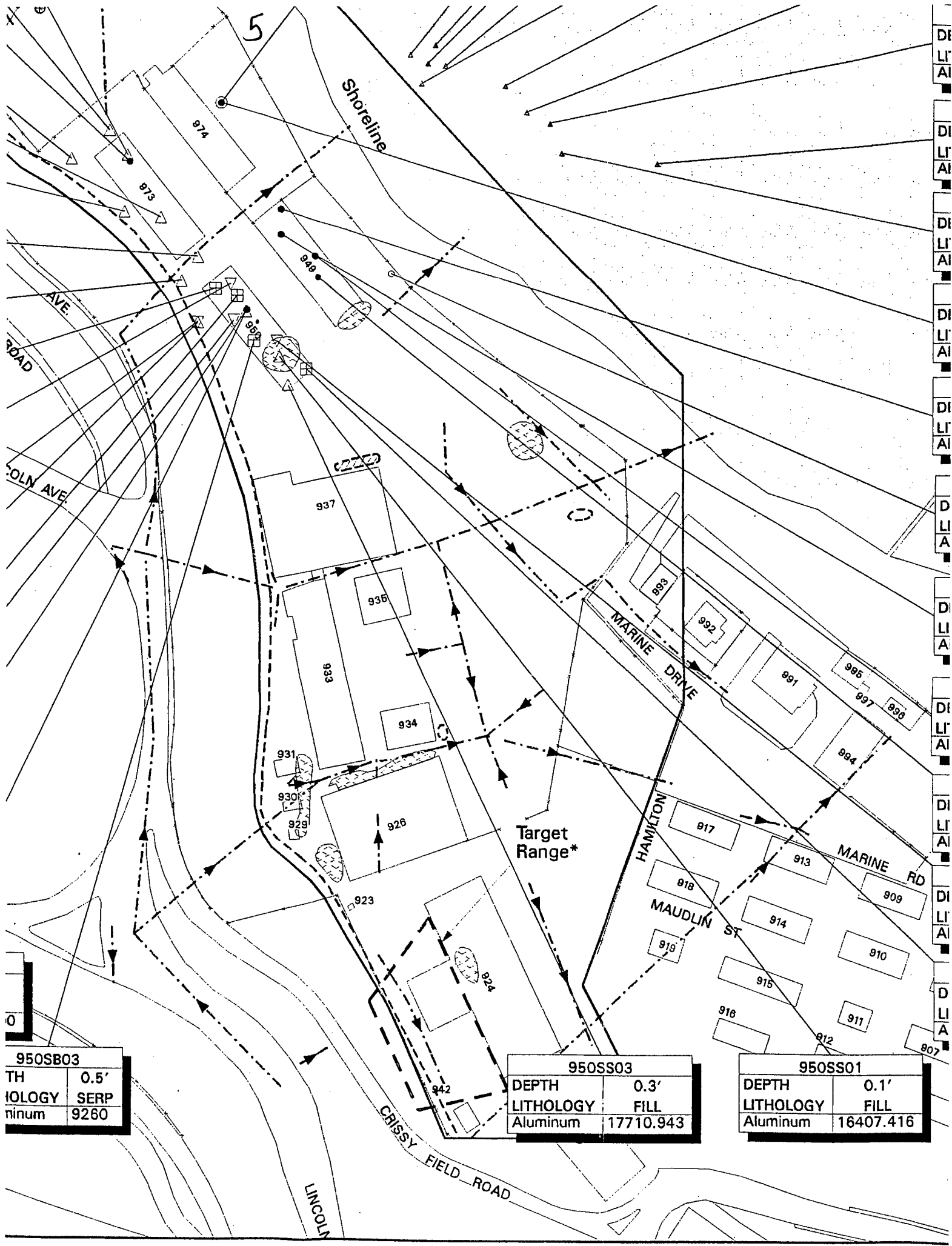
| 950SB04 | | |
|-----------|-------|------|
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Aluminum | 19900 | 5960 |

| 950SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 7530 |

| 950SB01 | | |
|-----------|-------------|-------------|
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Aluminum | 12000.000 a | 12000.000 a |

| 950SS02 | |
|-----------|-----------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Aluminum | 17328.600 |

| 95 | |
|----------|--|
| DEPTH | |
| LITHOLC | |
| Aluminum | |



| 950SB03 | |
|-----------|------|
| TH | 0.5' |
| LITHOLOGY | SERP |
| Aluminum | 9260 |

| 950SS03 | |
|-----------|-----------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Aluminum | 17710.943 |

| 950SS01 | |
|-----------|-----------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Aluminum | 16407.416 |

| | |
|-----------|------|
| 900SD12 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 3760 |

6

| | |
|-----------|------|
| 900SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 6800 |

| | |
|-----------|------|
| 900SD11 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Aluminum | 5140 |

| | |
|-----------|----------|
| 979SB01 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Aluminum | 3290.000 |

| | | | |
|-----------|-------|-------|-------|
| 949SB04 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Aluminum | 13200 | 5800 | 5760 |

| | | |
|-----------|-------|-------|
| 937GW39 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Aluminum | 6900 | 3900 |

| | | | |
|-----------|------|------|-------|
| 949SB03 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Aluminum | 9420 | 6220 | 4300 |

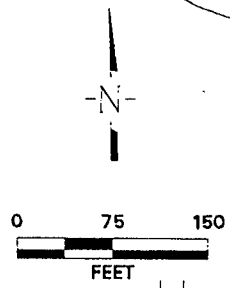
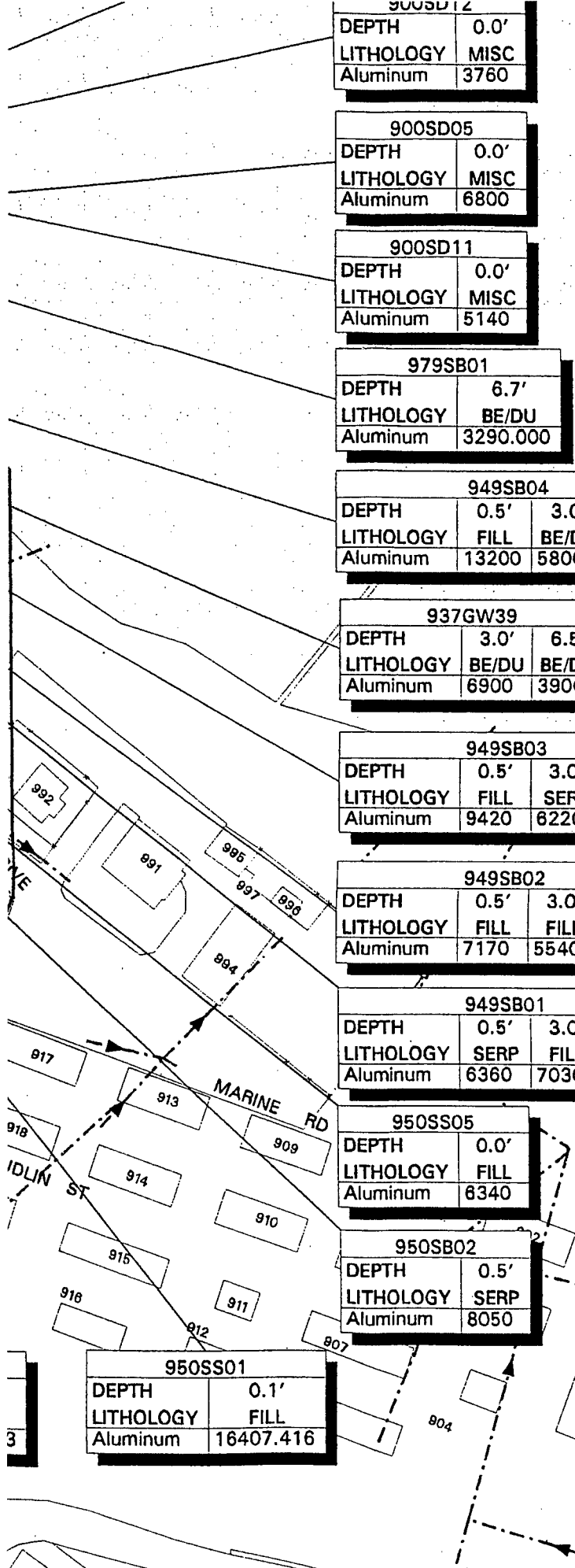
| | | | |
|-----------|------|------|-------|
| 949SB02 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Aluminum | 7170 | 5540 | 4430 |

| | | | |
|-----------|------|------|-------|
| 949SB01 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Aluminum | 6360 | 7030 | 4520 |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Aluminum | 6340 |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Aluminum | 8050 |

| | |
|-----------|-----------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Aluminum | 16407.416 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF ALUMINUM IN SOIL**

PSF26276

Date: January 1997

Figure 6.5-15

| |
|----------|
| OF |
| DEPTH |
| LITHOL |
| Antimony |

| | |
|-----------|--------|
| OF16SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|---------|
| 973SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |

| | |
|-----------|---------|
| 979GW05 | |
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Antimony | 140.000 |

| | |
|-----------|---------|
| 973SS02 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |

| | | |
|-----------|------|------|
| 973SB01 | | |
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Antimony | 5.3 | <5 |

| | |
|-----------|---------|
| 973SS01 | |
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |

| | |
|-----------|------|
| 973SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

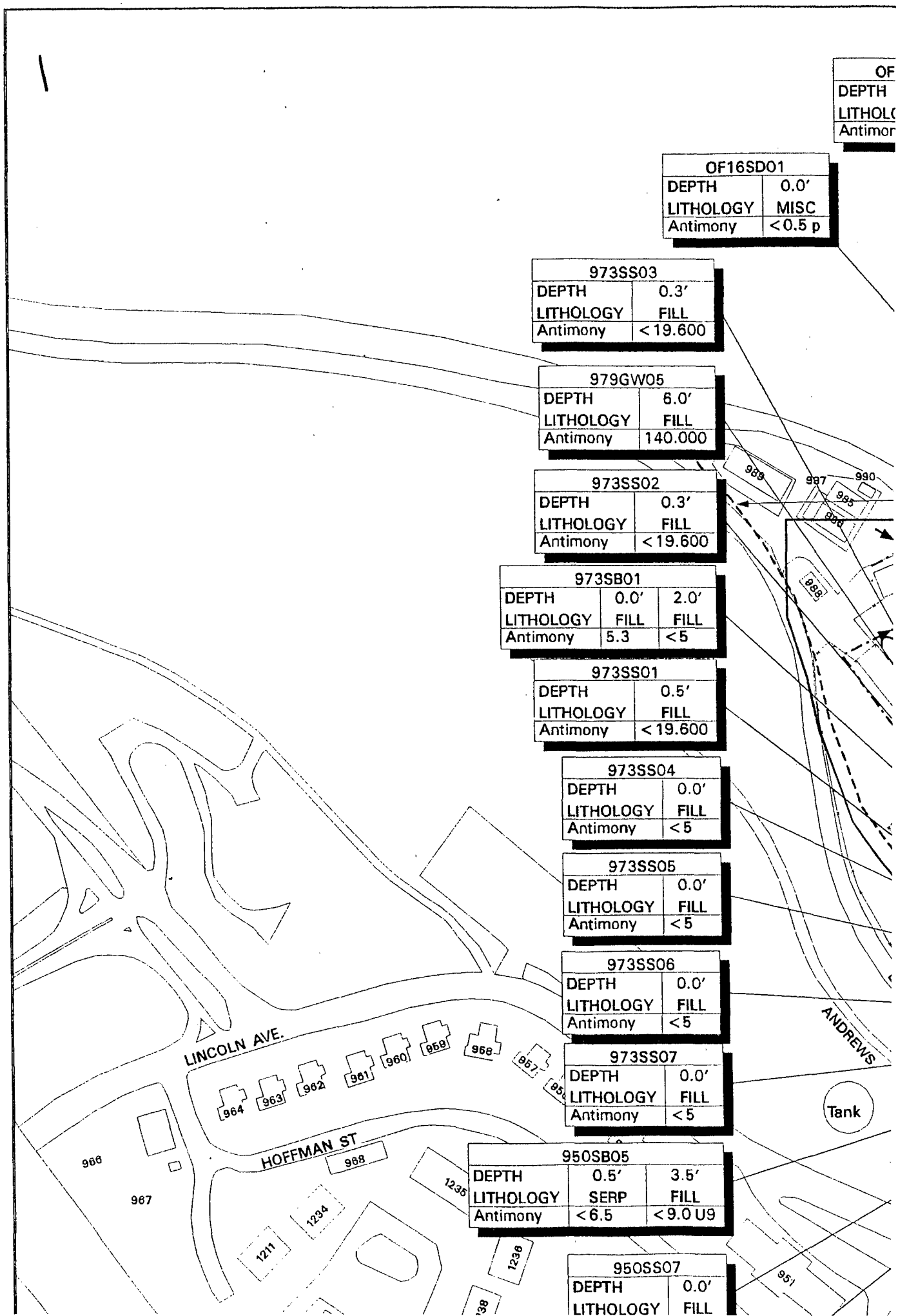
| | |
|-----------|------|
| 973SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | |
|-----------|------|
| 973SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | |
|-----------|------|
| 973SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | | |
|-----------|------|---------|
| 950SB05 | | |
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Antimony | <6.5 | <9.0 U9 |

| | |
|-----------|------|
| 950SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |



| OF16SD04 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| OF16SD05 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| OF16SD01 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| OF16SD03 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| OF16SD02 | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| 979GW0 | |
|-----------|---|
| DEPTH | |
| LITHOLOGY | |
| Antimony | < |

| | |
|------|--------|
| 3 | 0.3' |
| FILL | 19.600 |

| | |
|------|---------|
| 05 | 6.0' |
| FILL | 140.000 |

| | |
|------|--------|
| 02 | 0.3' |
| FILL | 19.600 |

| | |
|------|------|
| | 2.0' |
| FILL | <5 |

| | |
|------|--------|
| 01 | 0.5' |
| FILL | 19.600 |

| | |
|------|------|
| S04 | 0.0' |
| FILL | <5 |

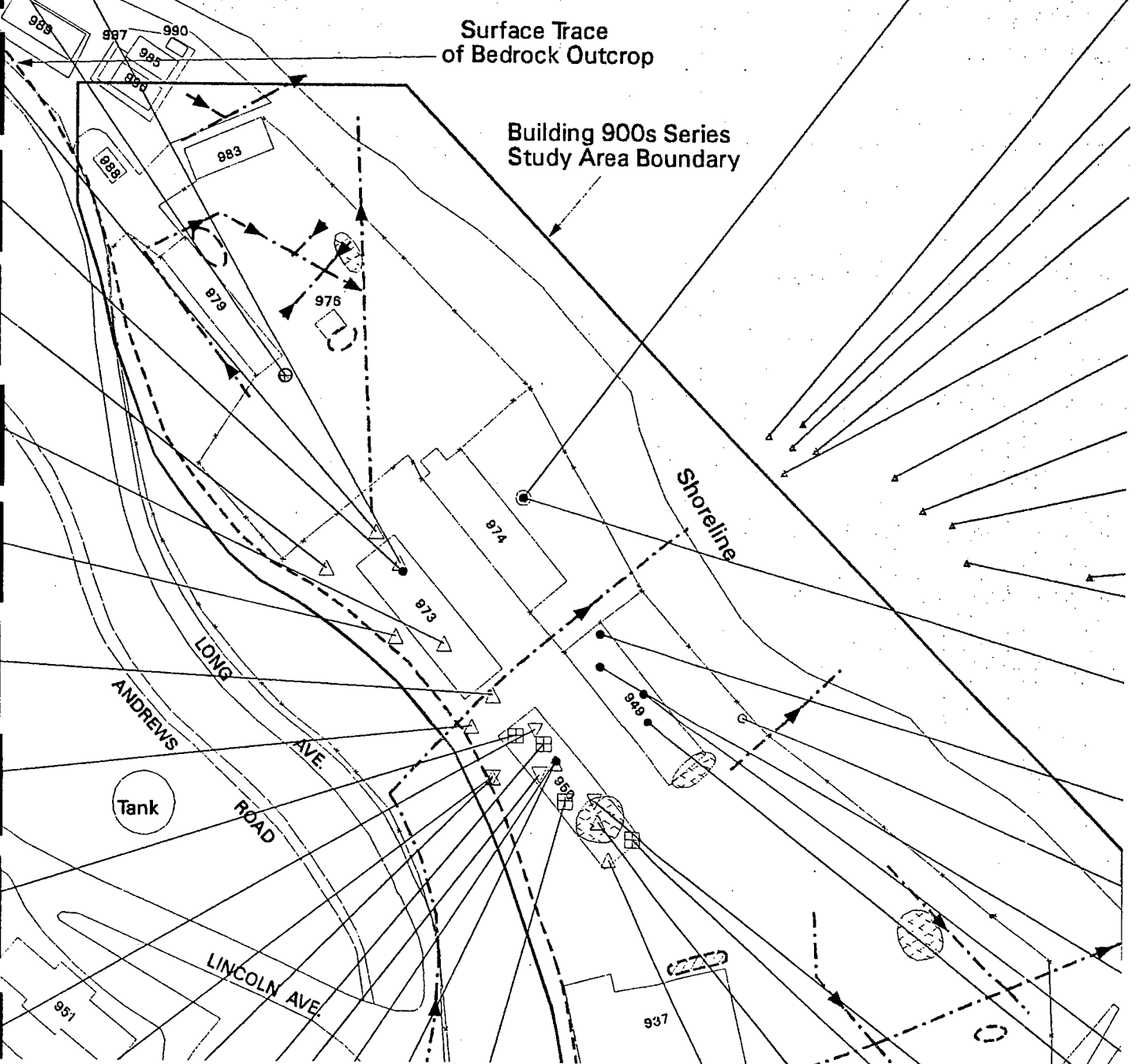
| | |
|------|------|
| S05 | 0.0' |
| FILL | <5 |

| | |
|------|------|
| S06 | 0.0' |
| FILL | <5 |

| | |
|------|------|
| S07 | 0.0' |
| FILL | <5 |

| | |
|------|---------|
| | 3.5' |
| FILL | <9.0 U9 |

| | |
|------|------|
| S07 | 0.0' |
| FILL | |



| | |
|-----------|---------|
| 979GW07 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Antimony | <41.300 |

| | |
|-----------|--------|
| OF15SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| OF15SD04 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| OF15SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| OF15SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| OF15SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD13 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD10 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD12 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD11 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|---------|
| 979SB01 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Antimony | <41.300 |

| | | | |
|-----------|-----------|-----------|-----------|
| 949SB04 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Antimony | <0.400 ap | <0.400 ap | <0.400 ap |

| | | |
|-----------|-------|-------|
| 937GW39 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊠ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⌢ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ⌢ APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
- ▨ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| | |
|-----------|------|
| 973SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | |
|-----------|------|
| 973SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | |
|-----------|------|
| 973SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | |
|-----------|------|
| 973SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | | |
|-----------|------|---------|
| 950SB05 | | |
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Antimony | <6.5 | <9.0 U9 |

| | |
|-----------|------|
| 950SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <7.1 |

| | |
|-----------|------|
| 950SS04MW | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <7.4 |

| | |
|-----------|------|
| 950SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <5 |

| | | |
|-----------|------|-------|
| 950SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Antimony | <8.2 | <18.5 |

| | |
|-----------|------|
| 950SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <7.7 |

| | | |
|-----------|---------|---------|
| 950SB01 | | |
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Antimony | <41.300 | <41.300 |

| | |
|-----------|---------|
| 950SS02 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |

| | |
|-----------|--|
| 950 | |
| DEPTH | |
| LITHOLOGY | |
| Antimony | |

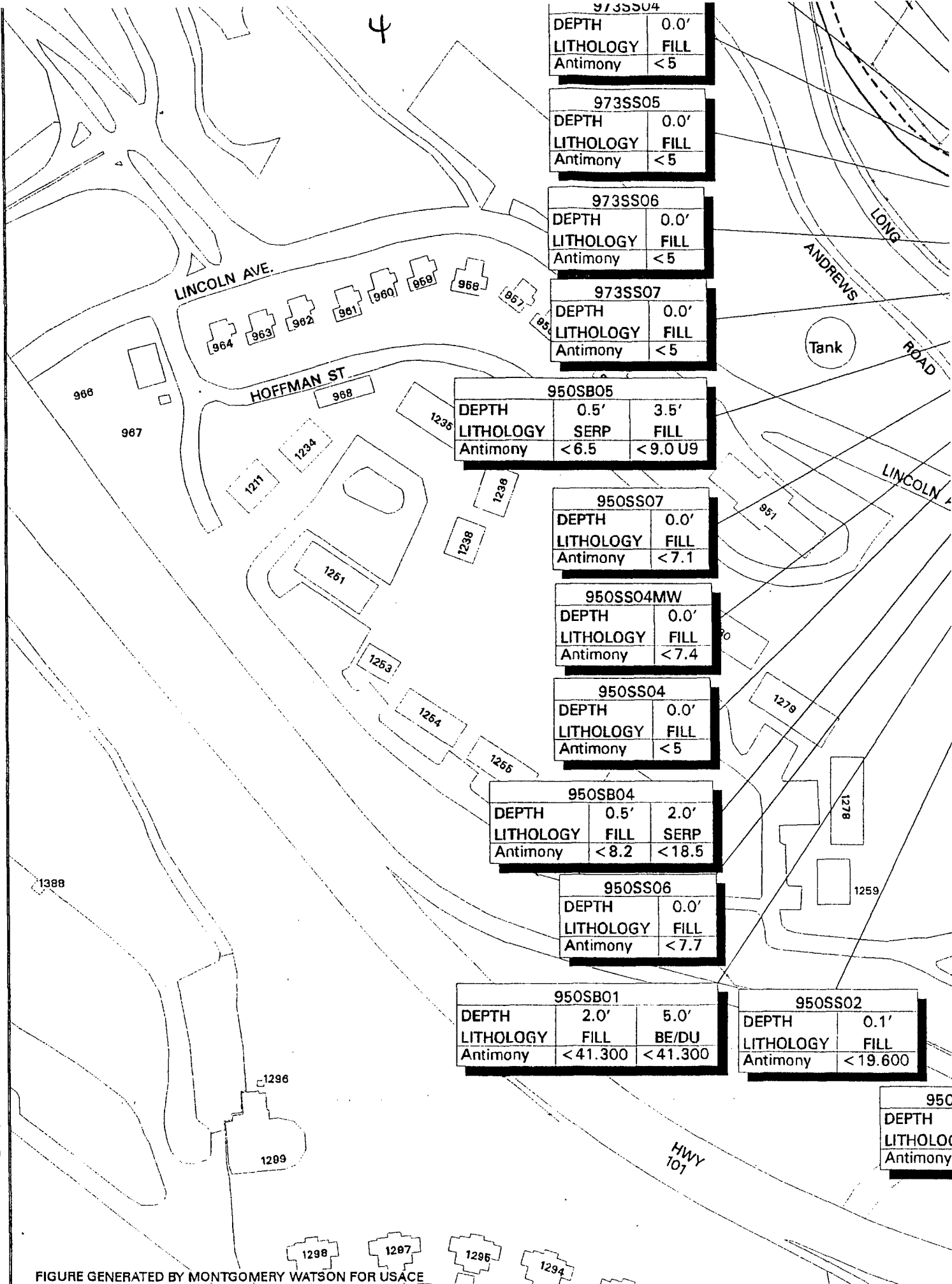
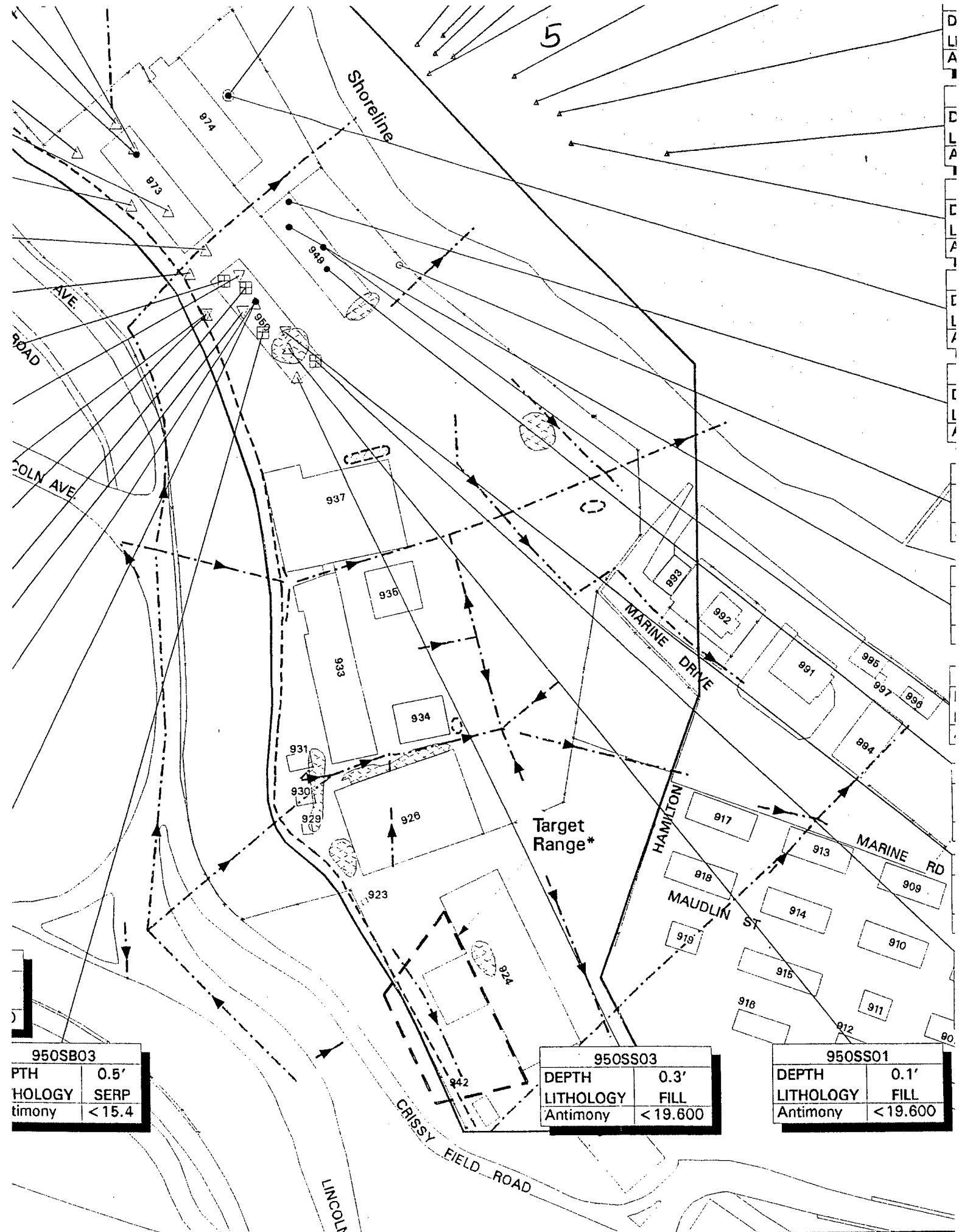


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| 950SB03 | |
|---------|-------|
| PTH | 0.5' |
| HOLOGY | SERP |
| timony | <15.4 |

| 950SS03 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |

| 950SS01 | |
|-----------|---------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |

6

| | |
|-----------|--------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|--------|
| 900SD11 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Antimony | <0.5 p |

| | |
|-----------|---------|
| 979SB01 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Antimony | <41.300 |

| | | | |
|-----------|-----------|-----------|-----------|
| 949SB04 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Antimony | <0.400 ap | <0.400 ap | <0.400 ap |

| | | |
|-----------|-------|-------|
| 937GW39 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Antimony | <5 | 12 |

| | | | |
|-----------|----------|----------|----------|
| 949SB03 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Antimony | <0.100 p | <0.100 p | <0.100 p |

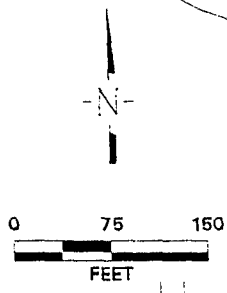
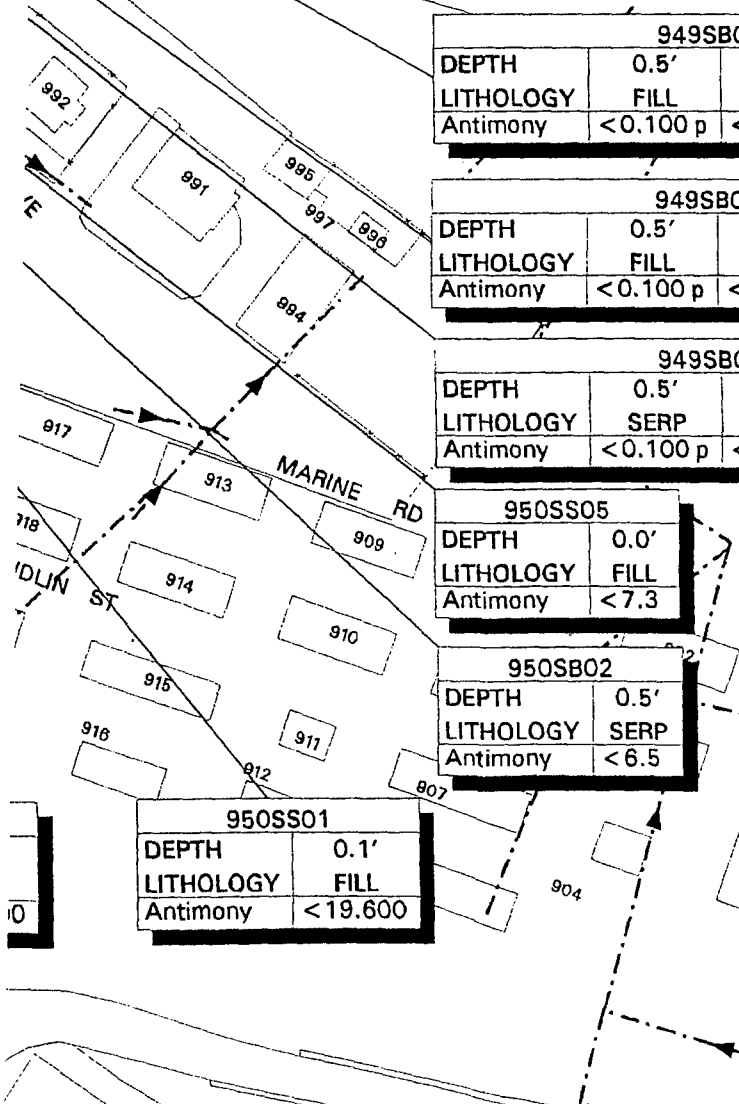
| | | | |
|-----------|----------|----------|----------|
| 949SB02 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Antimony | <0.100 p | <0.100 p | <0.100 p |


| | | | |
|-----------|----------|----------|----------|
| 949SB01 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Antimony | <0.100 p | <0.100 p | <0.100 p |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Antimony | <7.3 |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Antimony | <6.5 |

| | |
|-----------|---------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Antimony | <19.600 |




DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF ANTIMONY IN SOIL**

PSF26273

Date: January 1997

Figure 6.5-16

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Arsenic | 1.0 | 3.4 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Arsenic | 3.2 | 7.8 | 4.6 | 4.5 |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Arsenic | 3.2 | 0.79 | 3.5 |

| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Arsenic | 7.0 | 2.9 |

| 979GW05 | |
|-----------|-------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Arsenic | 2.220 |

| 973SS02 | |
|-----------|--------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Arsenic | <2.500 |

| 973SS03 | |
|-----------|--------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Arsenic | <2.500 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Arsenic | <1.2 | <1.2 |

| 973SS01 | |
|-----------|--------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Arsenic | <2.500 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | <2.5 |

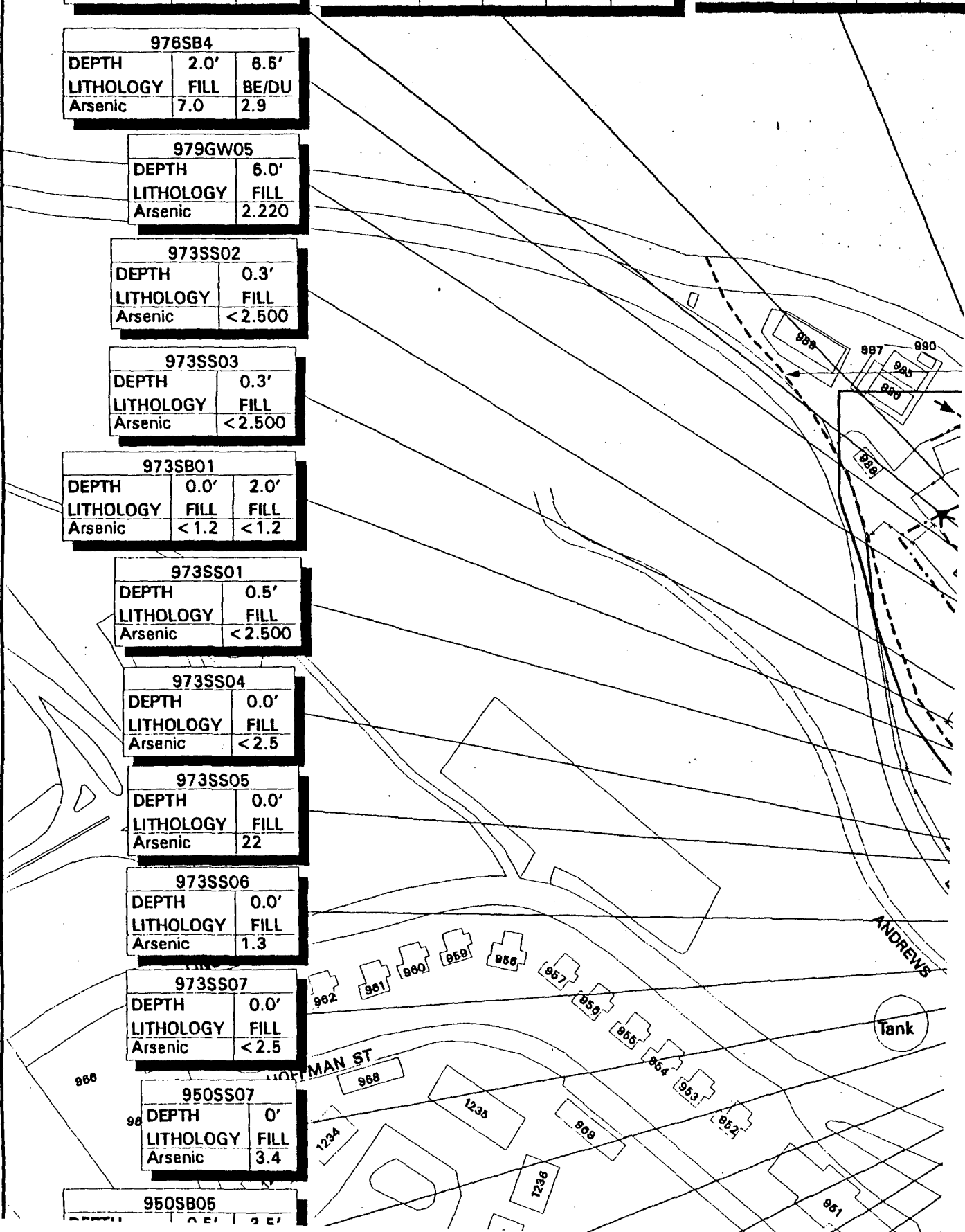
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | 22 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | 1.3 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | <2.5 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Arsenic | 3.4 |

| 950SB05 | | |
|---------|------|------|
| DEPTH | 0.5' | 2.5' |



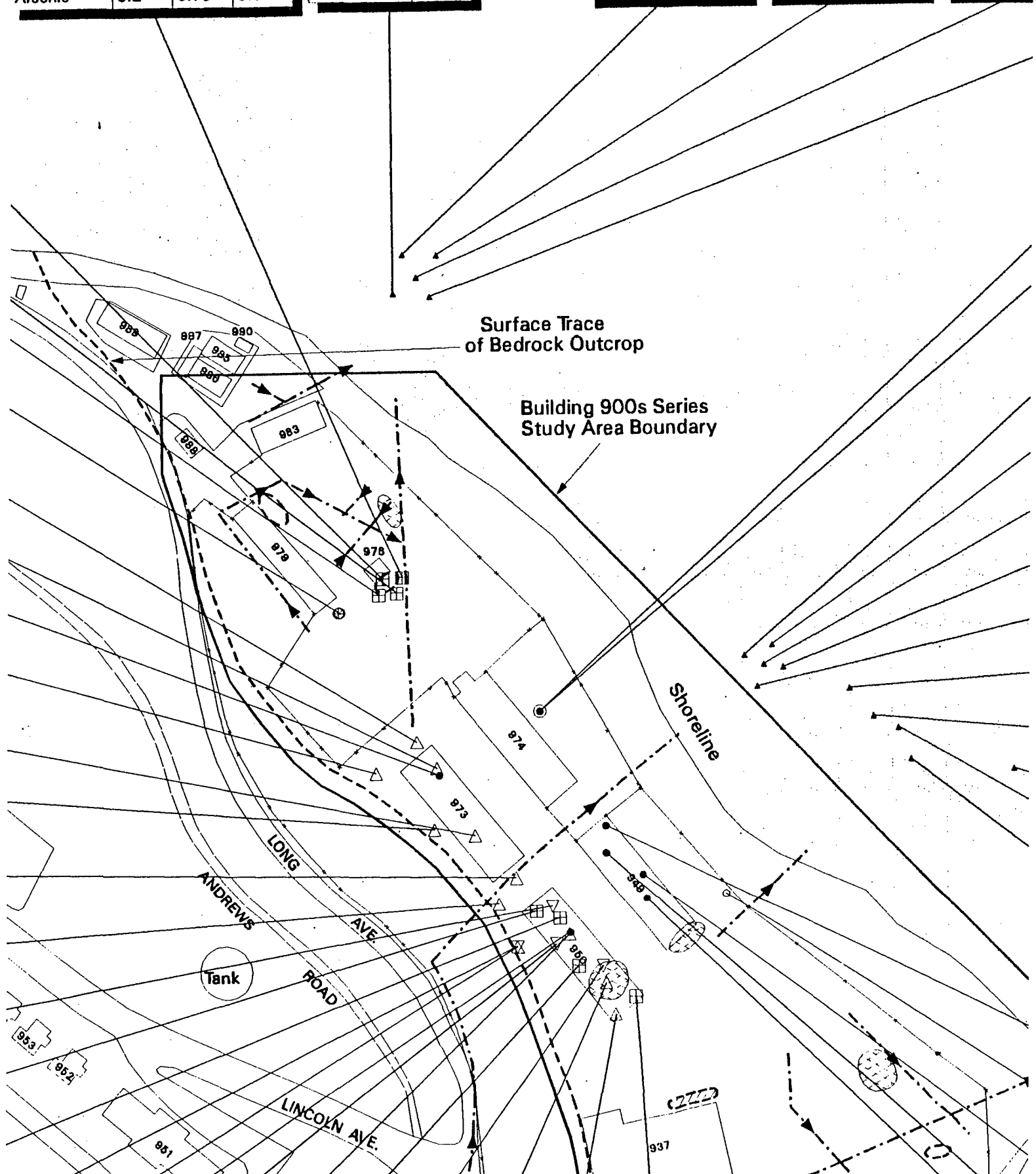
| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Arsenic | 3.2 | 0.79 | 3.5 |

| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.58 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.54 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.62 |

| OF16SI | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Arsenic | |



| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.75 |

| OF16SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.79 |

| 979GW07 | |
|-----------|-------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Arsenic | 3.650 |

| 979SB01 | |
|-----------|-------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Arsenic | 5.120 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 5.2 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.88 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 5.4 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.38 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 4.51 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.39 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.08 |




| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.57 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.48 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.38 |

| 949SB04 | | | |
|---------|------|------|------|
| DEPTH | 0.5' | 3.0' | 5.0' |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊞ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊗ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | <2.5 |

| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | 22 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | 1.3 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | <2.5 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Arsenic | 3.4 |

| 950SB05 | | |
|-----------|------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Arsenic | 2.5 | 2.1 |

| 950SB04 | | |
|-----------|------|------|
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Arsenic | 0.73 | 1 |

| 950SS04MW | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Arsenic | 3.8 |

| 950SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Arsenic | <1.2 |

| 950SB01 | | |
|-----------|-------|-------|
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Arsenic | 2.130 | 3.690 |

| 950SS06 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Arsenic | 6.6 |

| 950SS02 | |
|-----------|-------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Arsenic | 3.867 |

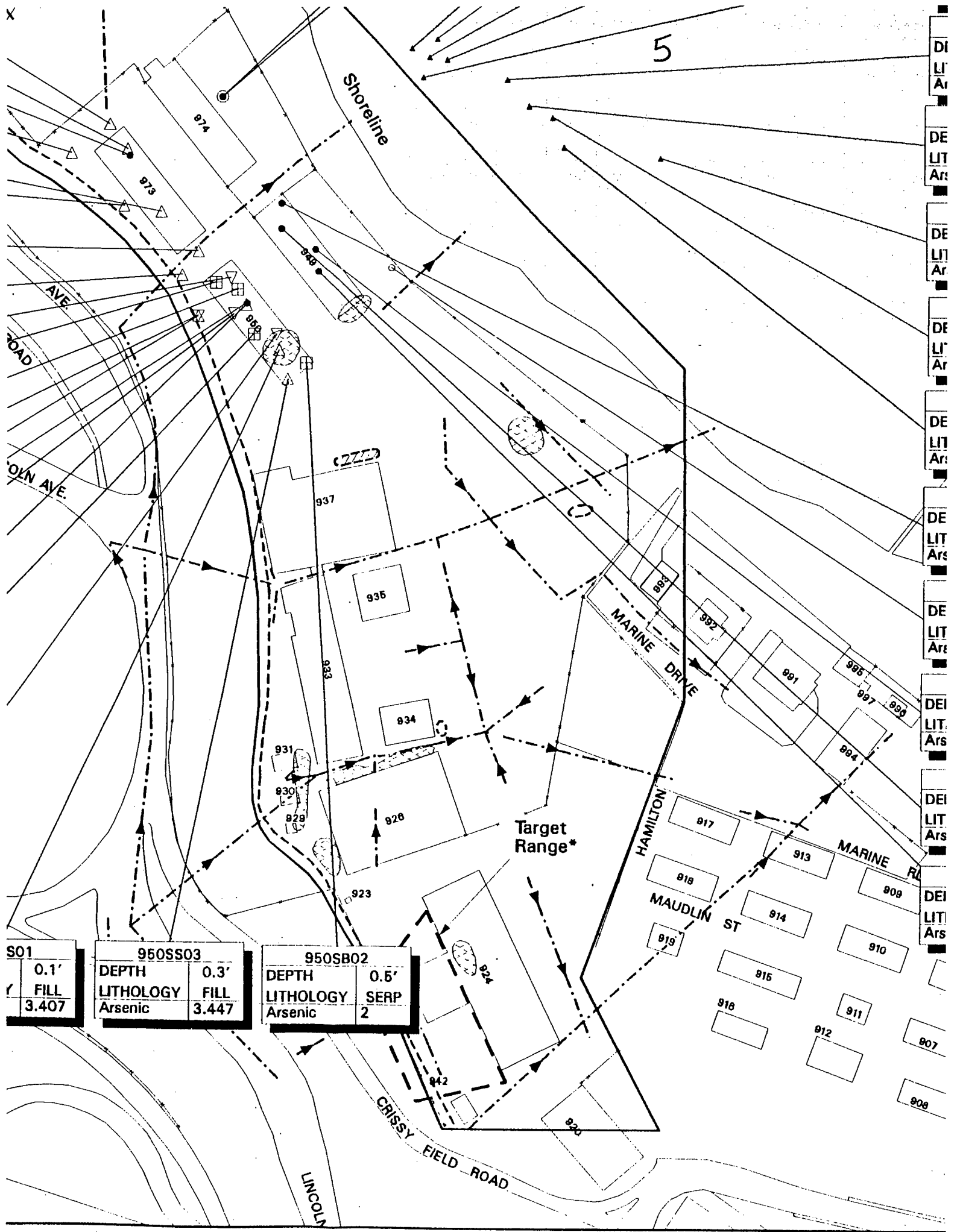
| 950SB03 | |
|-----------|------|
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Arsenic | 0.69 |

| 950SS05 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Arsenic | 3.4 |

| 950SS01 | |
|-----------|------|
| DEPTH | 0.1 |
| LITHOLOGY | FIL |
| Arsenic | 3.40 |

13 Jan 97 08:51:23 Monday, June 11 17:40:00, plotfile base: B949-79_5_3.apr, P48

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| | | | | | |
|-------|--|-----------|-------|-----------|------|
| S01 | | 950SS03 | | 950SB02 | |
| 0.1' | | DEPTH | 0.3' | DEPTH | 0.5' |
| FILL | | LITHOLOGY | FILL | LITHOLOGY | SERP |
| 3.407 | | Arsenic | 3.447 | Arsenic | 2 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.39 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.08 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.57 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.48 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Arsenic | 3.38 |

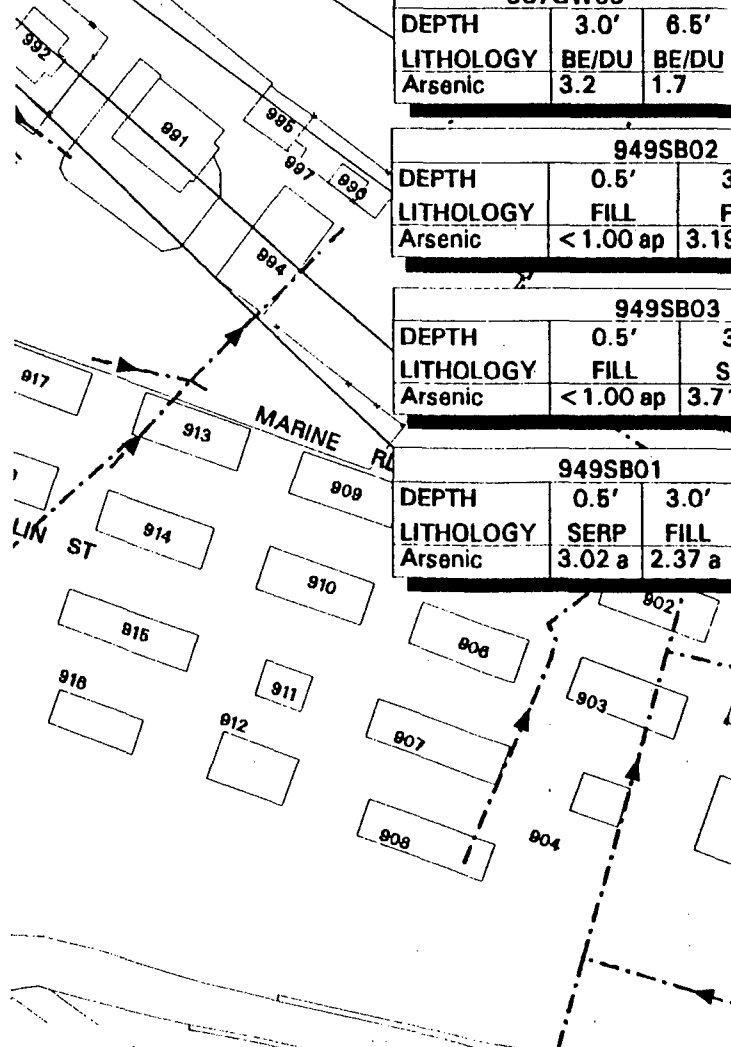
| 949SB04 | | | |
|-----------|-----------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Arsenic | < 1.00 ap | 1.88 a | 3.18 a |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Arsenic | 3.2 | 1.7 |

| 949SB02 | | | |
|-----------|-----------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Arsenic | < 1.00 ap | 3.19 a | 2.43 a |

| 949SB03 | | | |
|-----------|-----------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Arsenic | < 1.00 ap | 3.71 a | 3.16 a |

| 949SB01 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Arsenic | 3.02 a | 2.37 a | 2.56 a |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF ARSENIC IN SOIL**

PSF26259

Date: January 1997

Figure 6.5-17

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.63 | <0.52 |

| 976SB1 | | | | |
|-----------|-------|-------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Cadmium | <0.57 | <0.57 | <0.52 | <0.67 |

| 976SB4 | | |
|-----------|-------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Cadmium | <0.55 | <0.54 |

| 976SB2 | | |
|-----------|-------|-------|
| DEPTH | 2.3' | 3.8' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.52 | <0.55 |

| 979GW05 | |
|-----------|-------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Cadmium | 1.490 |

| 973SS02 | |
|-----------|--------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Cadmium | <1.200 |

| 973SS03 | |
|-----------|-------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Cadmium | 2.390 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Cadmium | <0.5 | <0.5 |

| 973SS01 | |
|-----------|--------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Cadmium | <1.200 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

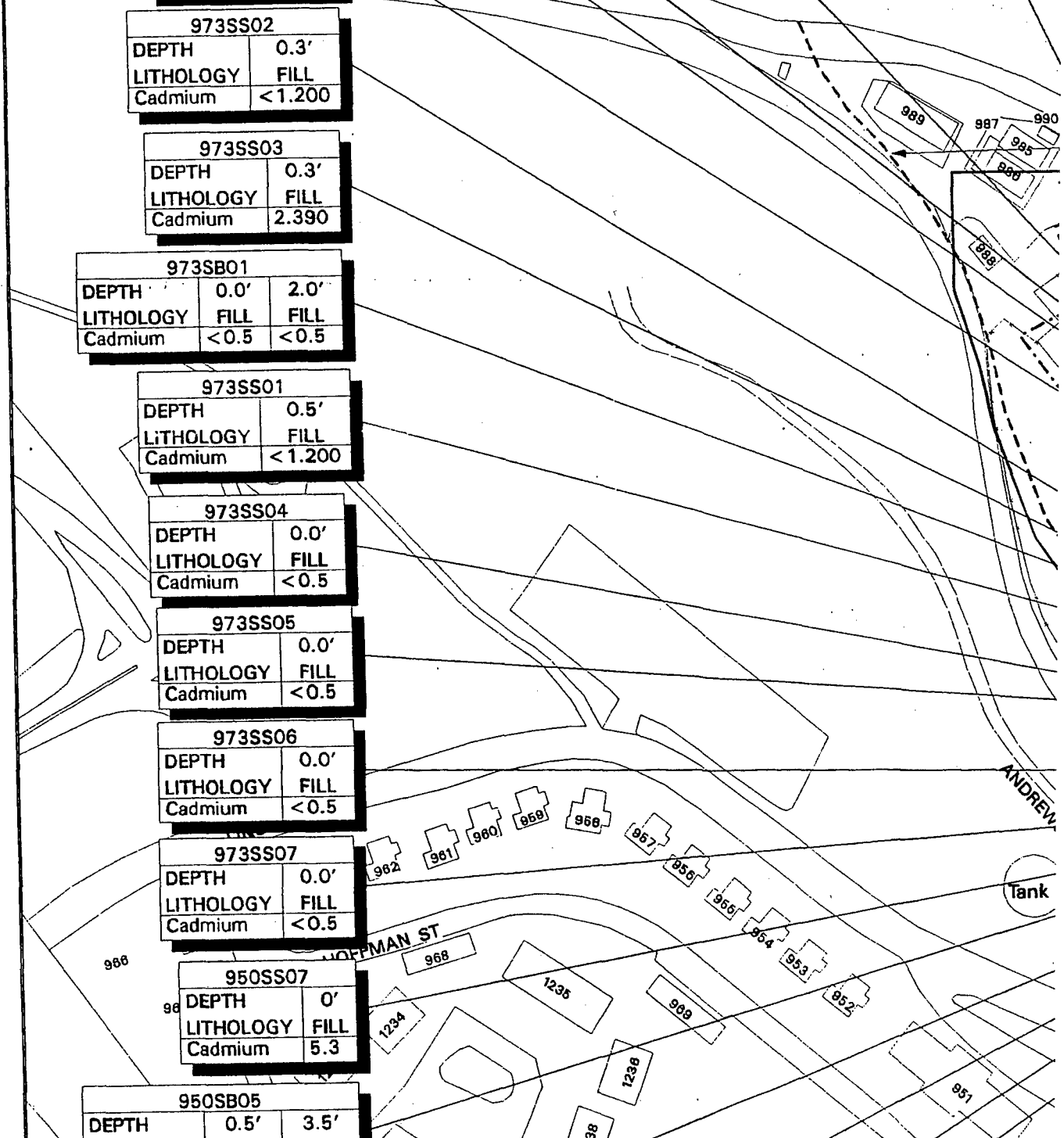
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Cadmium | 5.3 |

| 950SB05 | | |
|---------|------|------|
| DEPTH | 0.5' | 3.5' |



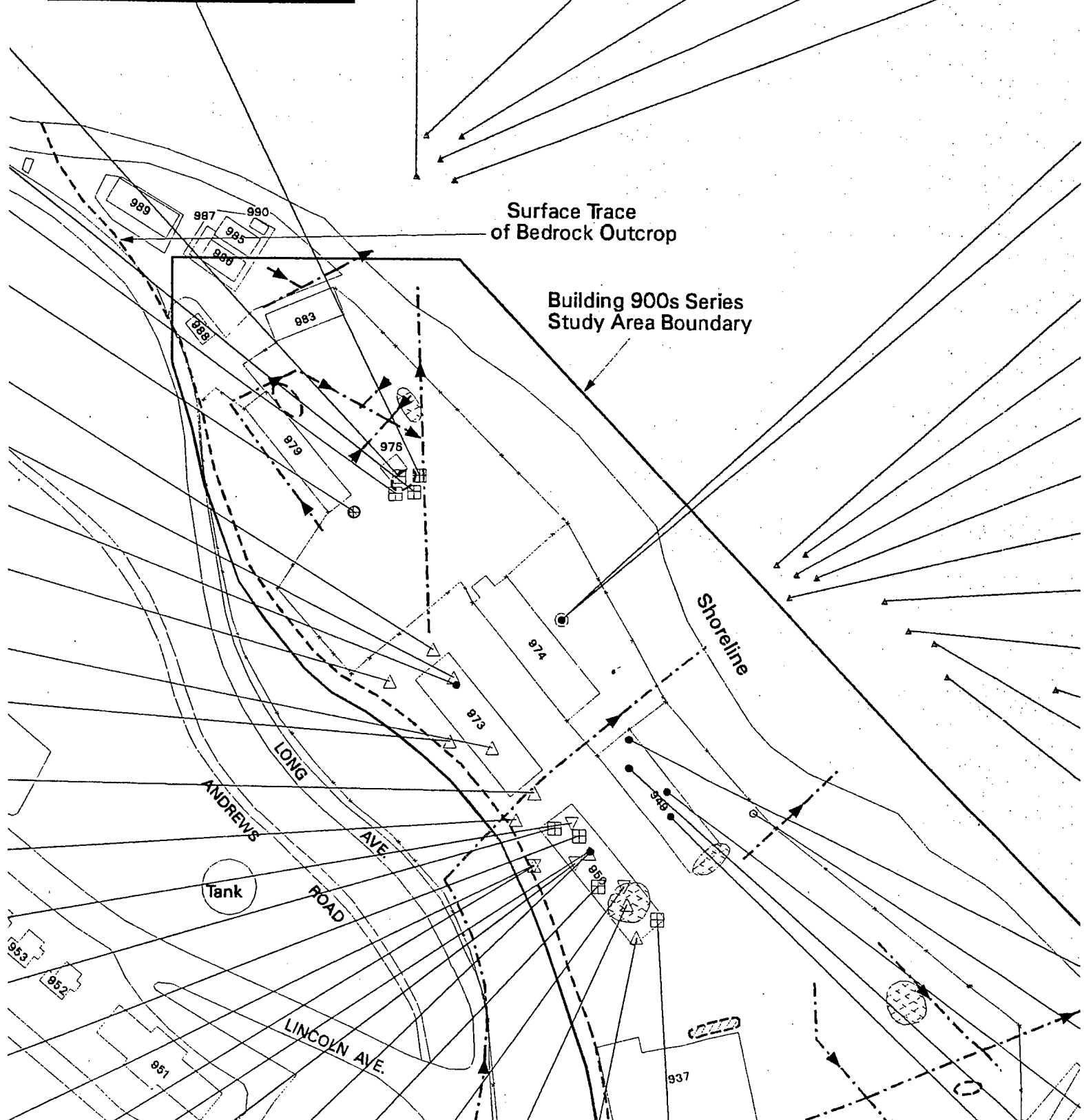
| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF16SD06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Cadmium | <0.52 | <0.55 | <0.53 |



| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF16SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 979GW07 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Cadmium | <0.515 |

| 979SB01 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Cadmium | <0.515 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |




| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 949SB04 | | | |
|-----------|-------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Cadmium | <0.8 | <0.8 | <0.8 |

EXPLANATION

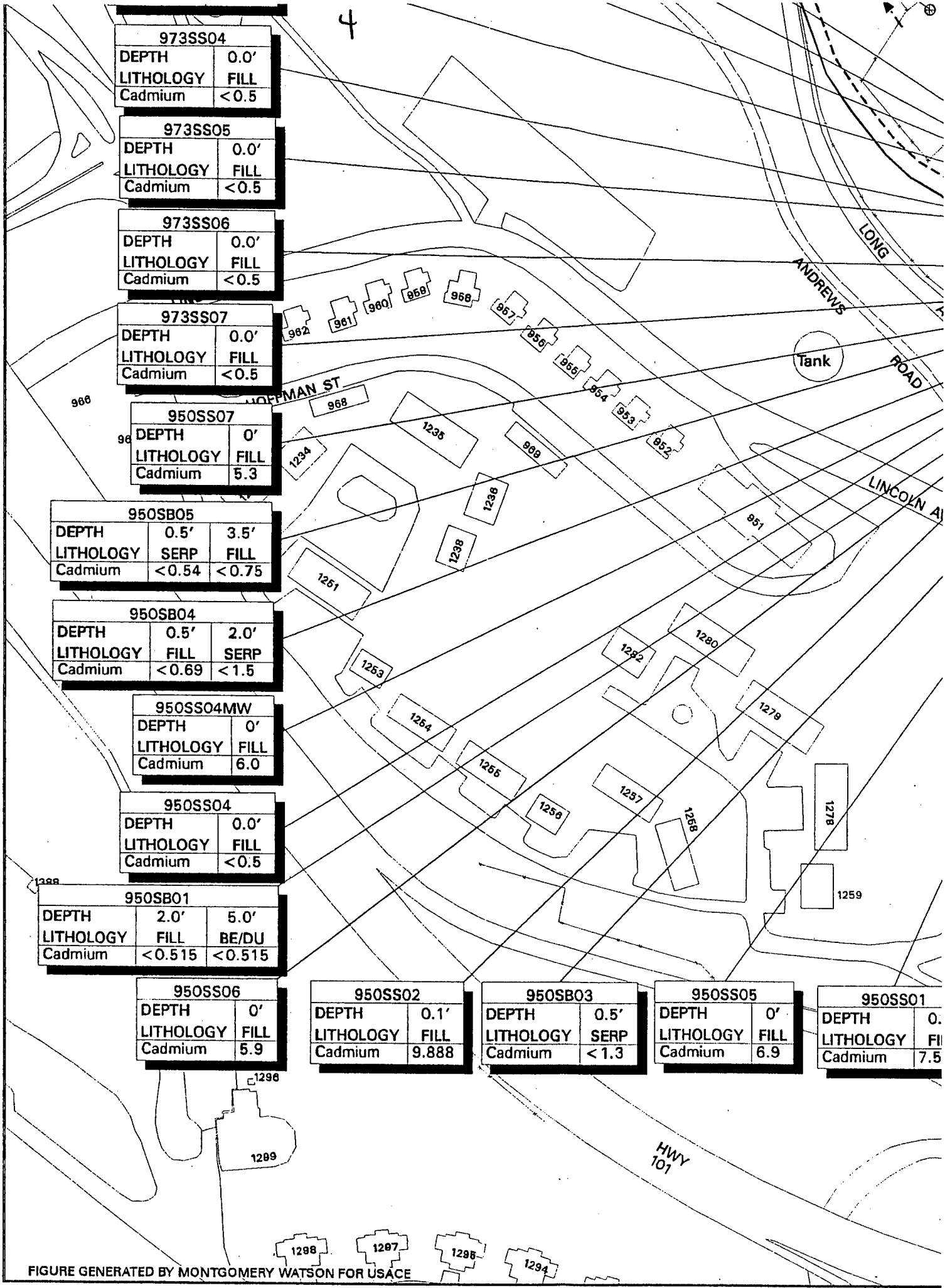
- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊠ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay



| | |
|-----------|------|
| 973SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| | |
|-----------|------|
| 973SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| | |
|-----------|------|
| 973SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| | |
|-----------|------|
| 973SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| | |
|-----------|------|
| 950SS07 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Cadmium | 5.3 |

| | | |
|-----------|-------|-------|
| 950SB05 | | |
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Cadmium | <0.54 | <0.75 |

| | | |
|-----------|-------|------|
| 950SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Cadmium | <0.69 | <1.5 |

| | |
|-----------|------|
| 950SS04MW | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Cadmium | 6.0 |

| | |
|-----------|------|
| 950SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cadmium | <0.5 |

| | | |
|-----------|--------|--------|
| 950SB01 | | |
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Cadmium | <0.515 | <0.515 |

| | |
|-----------|------|
| 950SS06 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Cadmium | 5.9 |

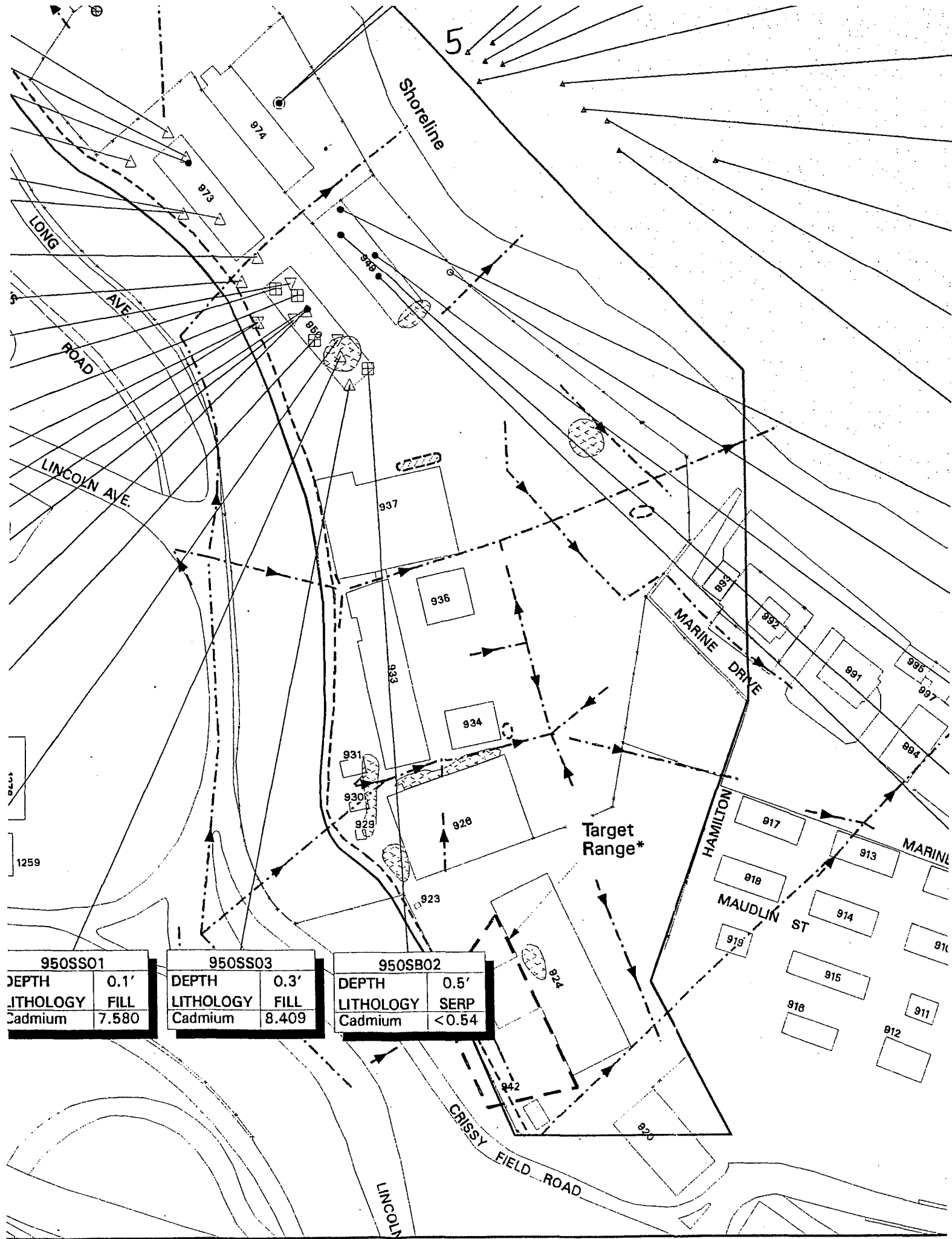
| | |
|-----------|-------|
| 950SS02 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Cadmium | 9.888 |

| | |
|-----------|------|
| 950SB03 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Cadmium | <1.3 |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Cadmium | 6.9 |

| | |
|-----------|-----|
| 950SS01 | |
| DEPTH | 0. |
| LITHOLOGY | Fi |
| Cadmium | 7.5 |

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| 950SS01 | |
|-----------|-------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Cadmium | 7.580 |

| 950SS03 | |
|-----------|-------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Cadmium | 8.409 |

| 950SB02 | |
|-----------|-------|
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Cadmium | <0.54 |

6

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Cadmium | <0.8 |

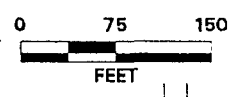
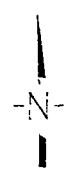
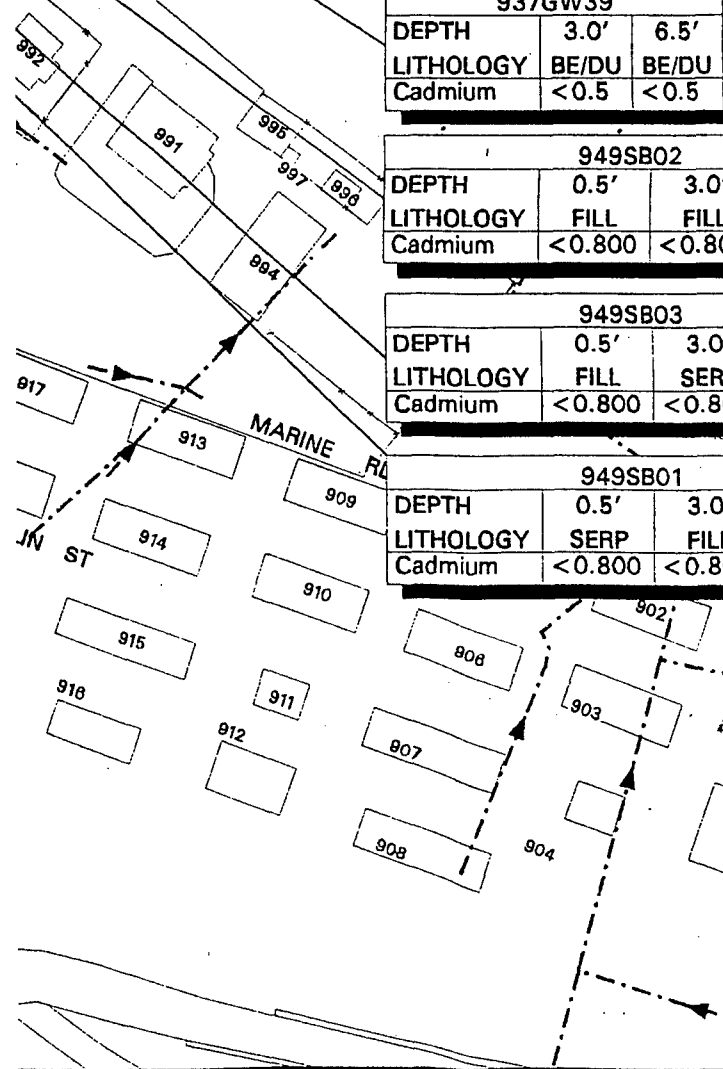
| 949SB04 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Cadmium | <0.800 | <0.800 | <0.800 |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Cadmium | <0.5 | <0.5 |

| 949SB02 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Cadmium | <0.800 | <0.800 | <0.800 |

| 949SB03 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Cadmium | <0.800 | <0.800 | <0.800 |

| 949SB01 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Cadmium | <0.800 | <0.800 | <0.800 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF CADMIUM IN SOIL**

PSF26260

Date: January 1997

Figure 6.5-18

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 1040 | 399 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Chromium | 251 | 187 | 594 | 602 |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Chromium | 145 | 955 | 480 |

| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Chromium | 400 | 511 |

| 979GW05 | |
|-----------|---------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Chromium | 877.000 |

| 973SS02 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Chromium | 108.648 |

| 973SS03 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Chromium | 149.983 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Chromium | 53 | 160 |

| 973SS01 | |
|-----------|---------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Chromium | 128.239 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 43 |

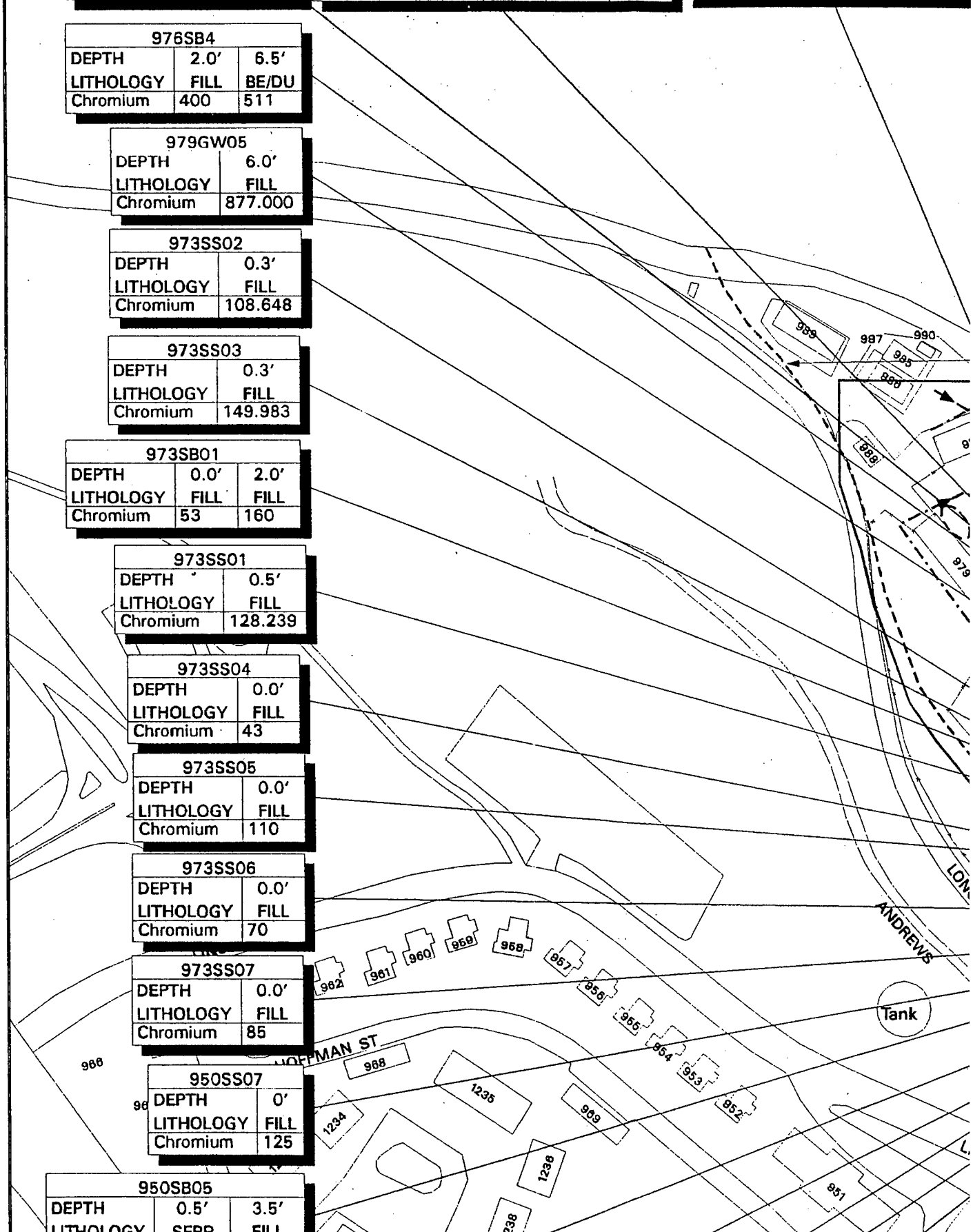
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 110 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 70 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Chromium | 85 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Chromium | 125 |

| 950SB05 | | |
|-----------|------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SEPD | FILL |



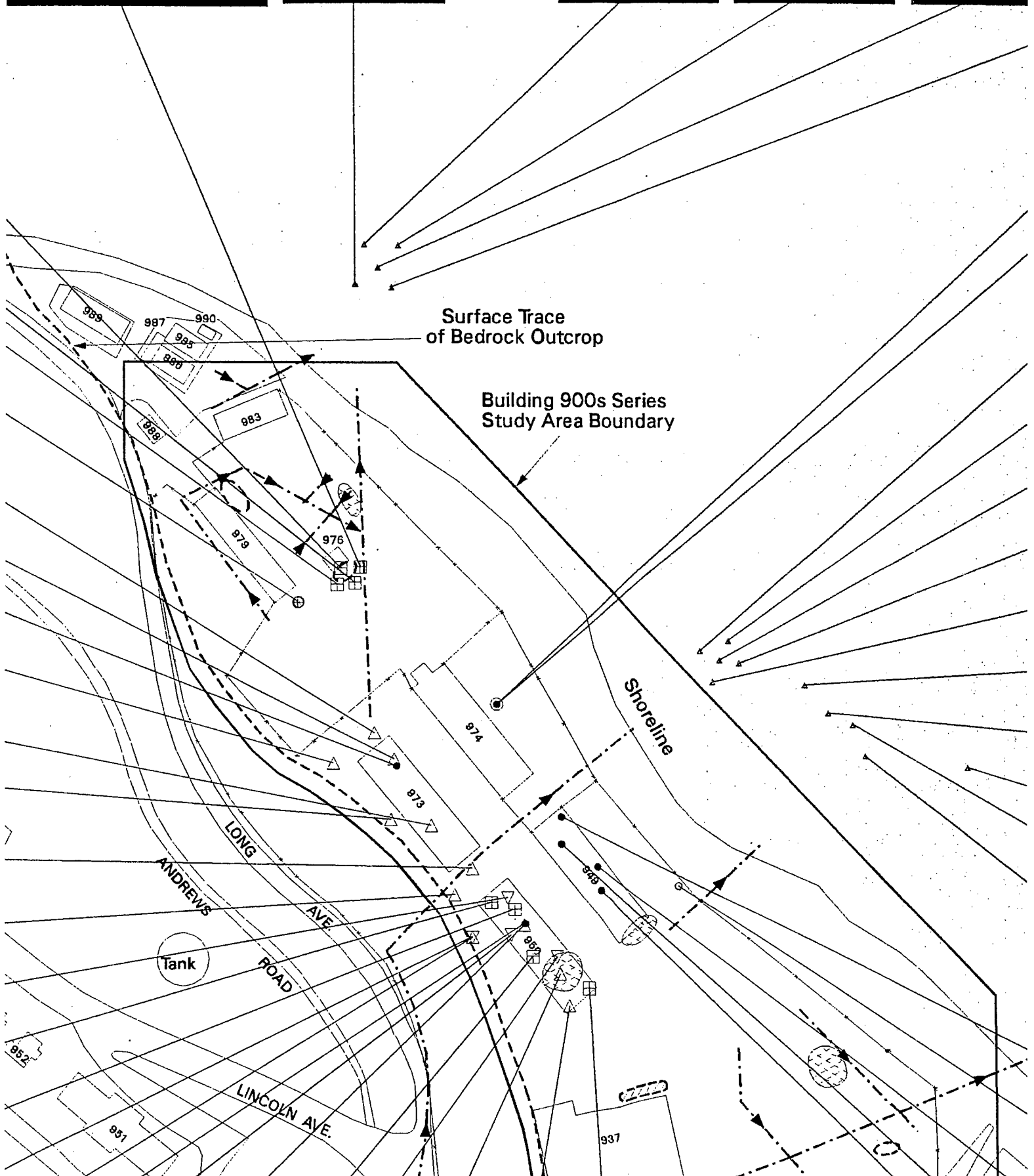
| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Chromium | 145 | 955 | 480 |

| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 51.7 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 65.5 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 63.6 |

| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 41.0 |



| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 41.7 |

| OF16SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 42.8 |

| 979GW07 | |
|-----------|-----------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Chromium | 186.000 f |

| 979SB01 | |
|-----------|---------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Chromium | 111.000 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 46.2 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 38.9 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 62.8 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 49.3 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 27.4 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 37.3 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 40.6 |




| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 36.3 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 30.2 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 68.1 |

| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊕ MONTGOMERY WATSON SOIL BORING
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊗ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| | | |
|-----------|------|--|
| 973SS04 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Chromium | 43 | |

| | | |
|-----------|------|--|
| 973SS05 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Chromium | 110 | |

| | | |
|-----------|------|--|
| 973SS06 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Chromium | 70 | |

| | | |
|-----------|------|--|
| 973SS07 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Chromium | 85 | |

| | | |
|-----------|------|--|
| 950SS07 | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Chromium | 125 | |

| | | |
|-----------|------|---------|
| 950SB05 | | |
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Chromium | 60.9 | 91.3 JB |

| | | |
|-----------|------|------|
| 950SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Chromium | 65.5 | 1190 |

| | | |
|-----------|------|--|
| 950SS04MW | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Chromium | 132 | |

| | | |
|-----------|------|--|
| 950SS04 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Chromium | 680 | |

| | | |
|-----------|---------|---------|
| 950SB01 | | |
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Chromium | 657.000 | 427.000 |

| | | |
|-----------|------|--|
| 950SS06 | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Chromium | 183 | |

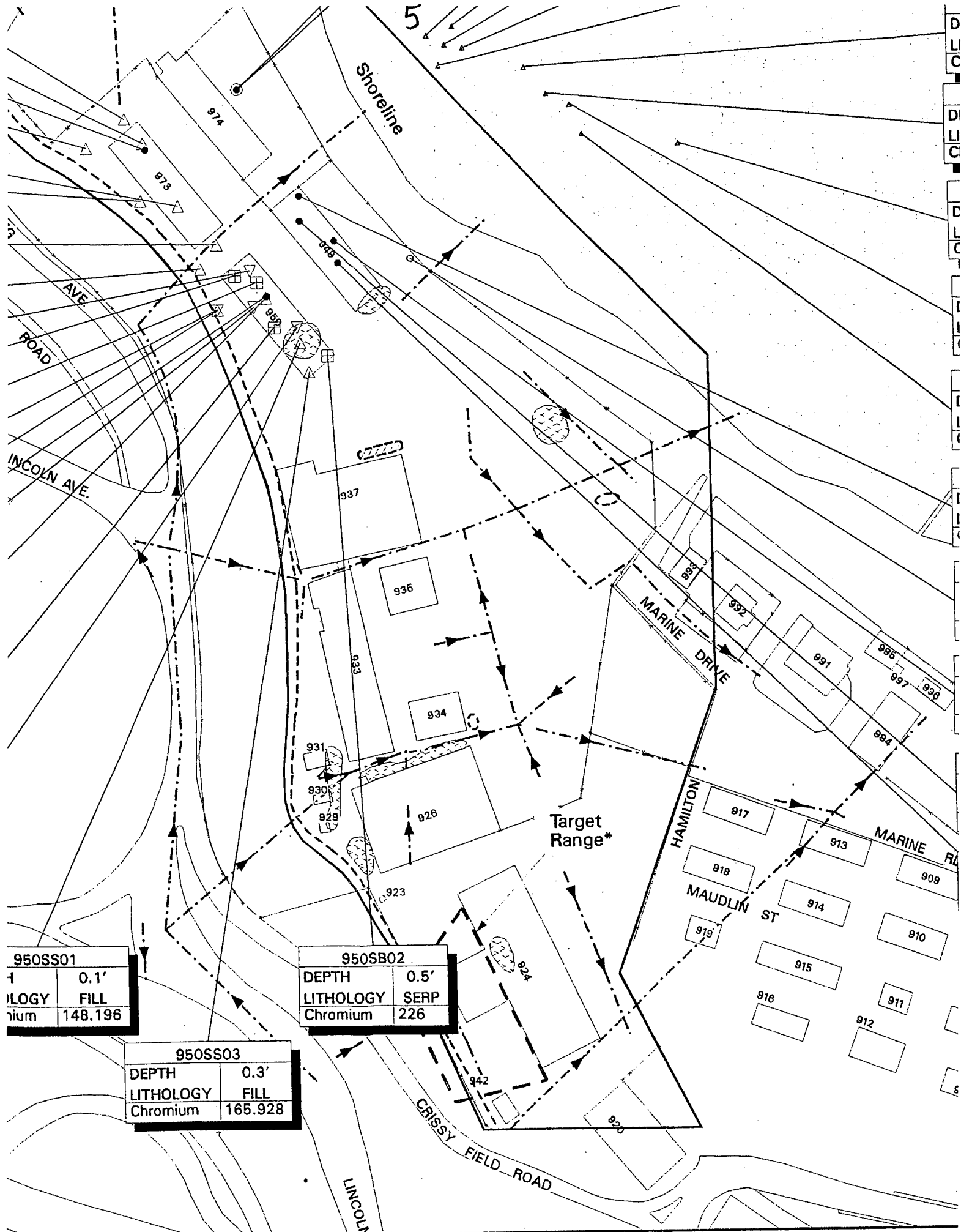
| | | |
|-----------|---------|--|
| 950SS02 | | |
| DEPTH | 0.1' | |
| LITHOLOGY | FILL | |
| Chromium | 213.418 | |

| | | |
|-----------|------|--|
| 950SS05 | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Chromium | 121 | |

| | | |
|-----------|------|--|
| 950SS01 | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Chromium | 141 | |

| | | |
|-----------|------|--|
| 950SB03 | | |
| DEPTH | 0.5' | |
| LITHOLOGY | SERP | |
| Chromium | 743 | |

26 Dec 96 12:29:53 Thursday, base_11x17_v3.aml, profile base_1949-79_5_7.gm, P07



| | |
|-----------|---------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Chromium | 148.196 |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Chromium | 226 |

| | |
|-----------|---------|
| 950SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Chromium | 165.928 |

6

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 37.3 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 40.6 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 36.3 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 30.2 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Chromium | 68.1 |

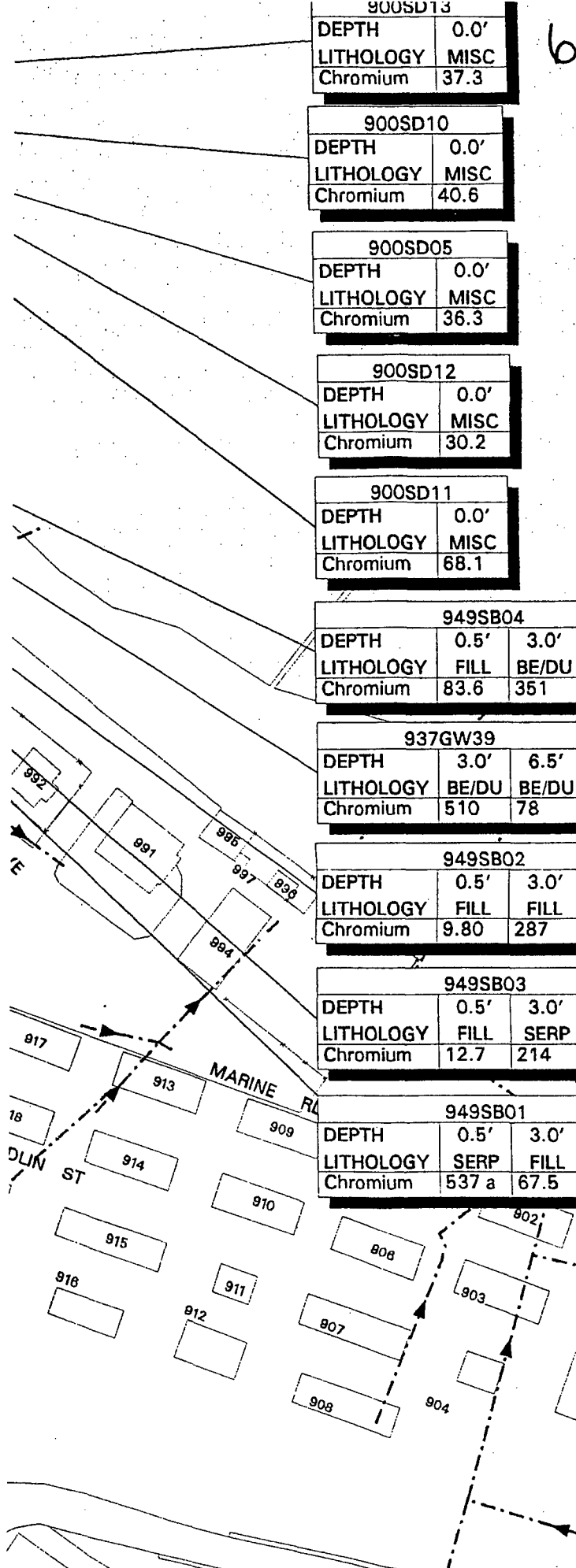
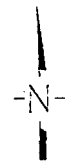
| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Chromium | 83.6 | 351 | 81.9 |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Chromium | 510 | 78 |

| 949SB02 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Chromium | 9.80 | 287 | 45.4 |

| 949SB03 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Chromium | 12.7 | 214 | 103 |

| 949SB01 | | | |
|-----------|-------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Chromium | 537 a | 67.5 | 111 |



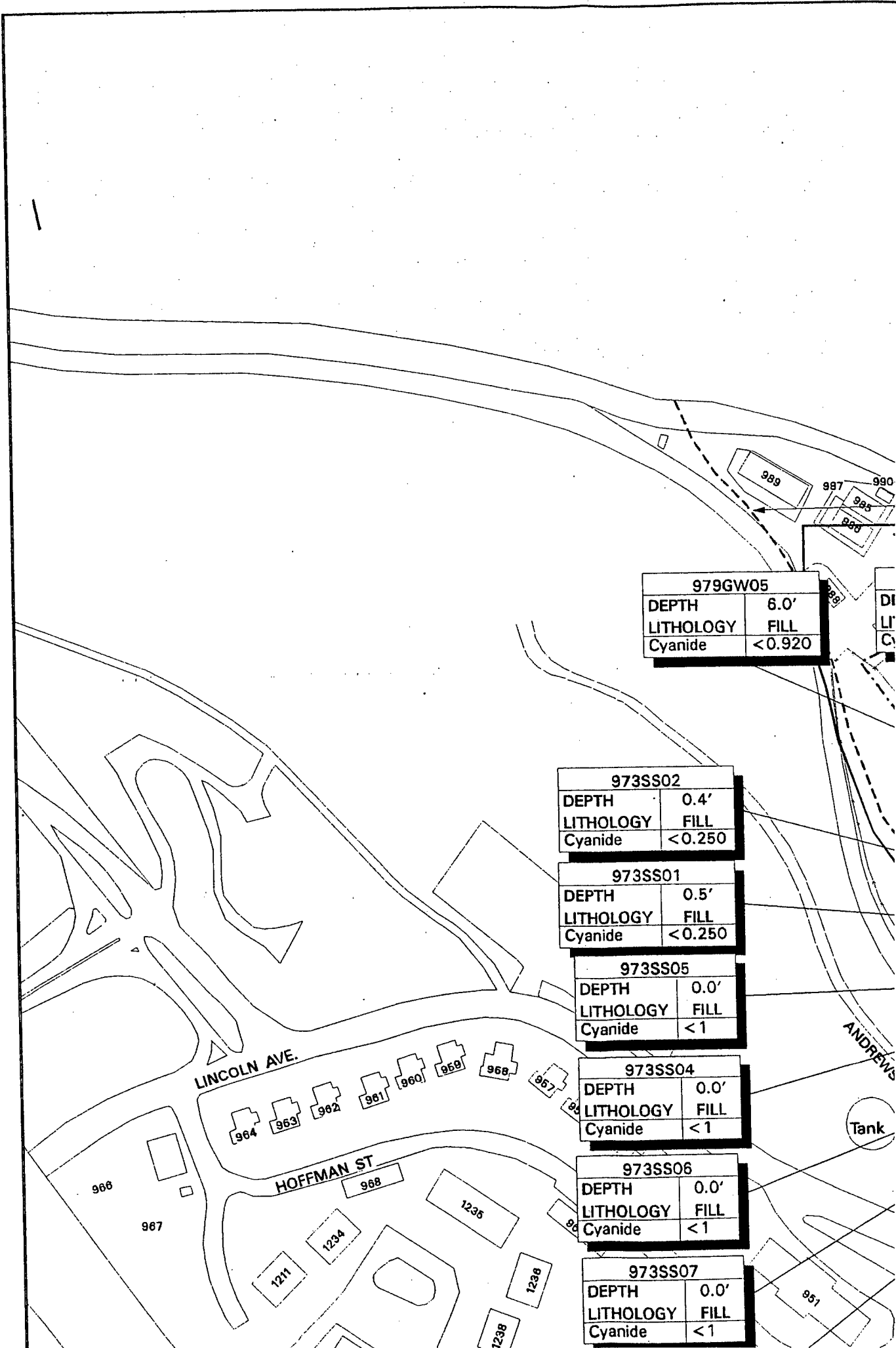
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF CHROMIUM IN SOIL**

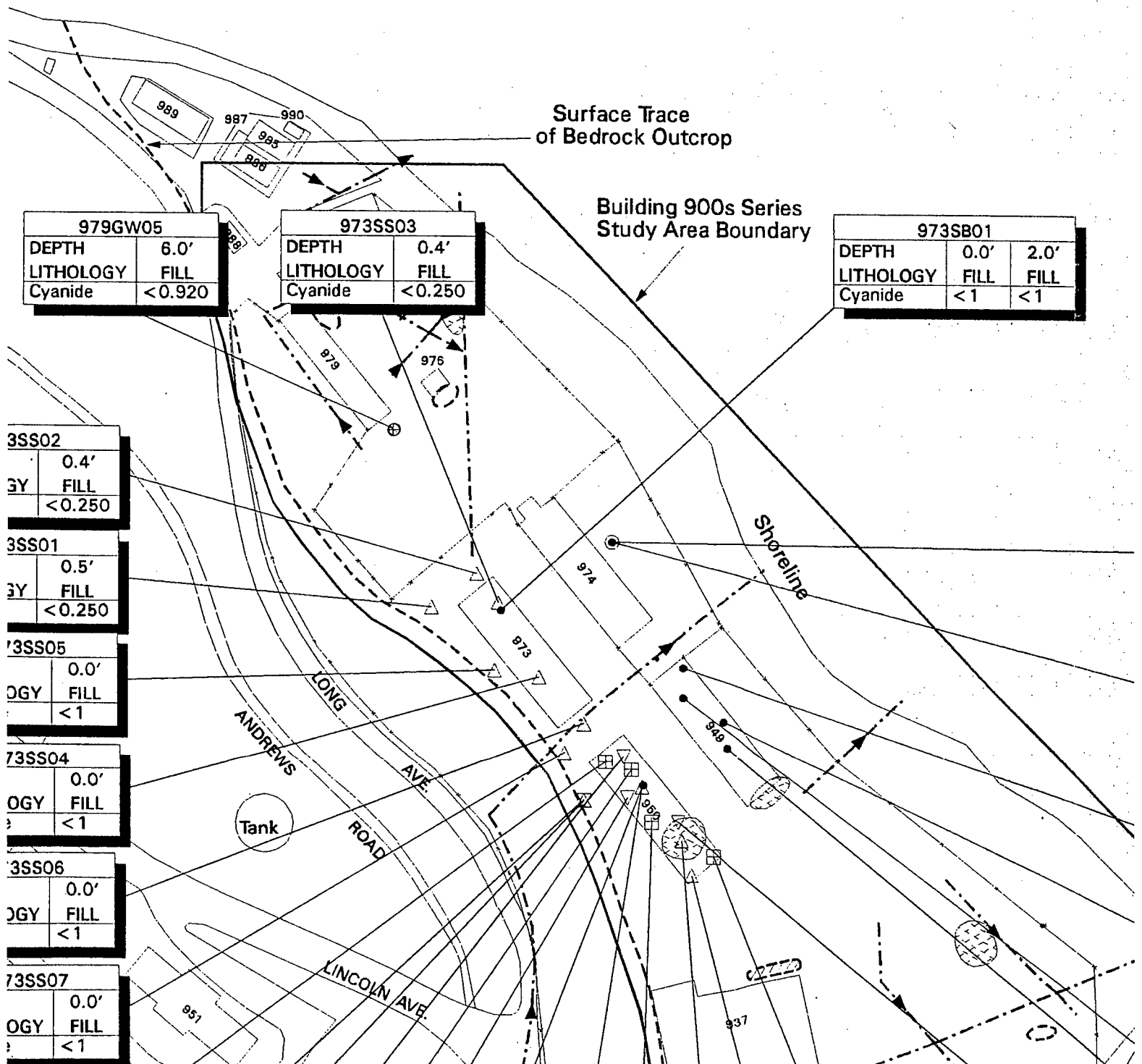
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Date: January 1997

Figure 6.5-19













2



3

EXPLANATION

-  SURFACE SOIL SAMPLE
 MONTGOMERY WATSON SURFACE SOIL SAMPLE
 SOIL BORING
 MONTGOMERY WATSON SOIL BORING
 SHALLOW MONITORING WELL WITH SOIL SAMPLES
 DEEP MONITORING WELL WITH SOIL SAMPLES
 APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
 APPROXIMATE LOCATIONS OF FORMER USTs
 STORM DRAIN WITH FLOW DIRECTION
 STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 979GW07 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Cyanide | <0.920 |

| 979SB01 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Cyanide | <0.920 |

| 949SB04 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Cyanide | <0.829 | <0.829 | <0.829 |

| 949SB02 | | | |
|---------|------|------|------|
| DEPTH | 0.5' | 3.0' | 5.0' |

4

| | | |
|-----------|--------|--|
| 973SS02 | | |
| DEPTH | 0.4' | |
| LITHOLOGY | FILL | |
| Cyanide | <0.250 | |

| | | |
|-----------|--------|--|
| 973SS01 | | |
| DEPTH | 0.5' | |
| LITHOLOGY | FILL | |
| Cyanide | <0.250 | |

| | | |
|-----------|------|--|
| 973SS05 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cyanide | <1 | |

| | | |
|-----------|------|--|
| 973SS04 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cyanide | <1 | |

| | | |
|-----------|------|--|
| 973SS06 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cyanide | <1 | |

| | | |
|-----------|------|--|
| 973SS07 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cyanide | <1 | |

| | | | |
|-----------|-------|-------|--|
| 950SB05 | | | |
| DEPTH | 0.5' | 3.5' | |
| LITHOLOGY | SERP | FILL | |
| Cyanide | <0.54 | <0.75 | |

| | | |
|-----------|------|--|
| 950SS04MW | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Cyanide | ND | |

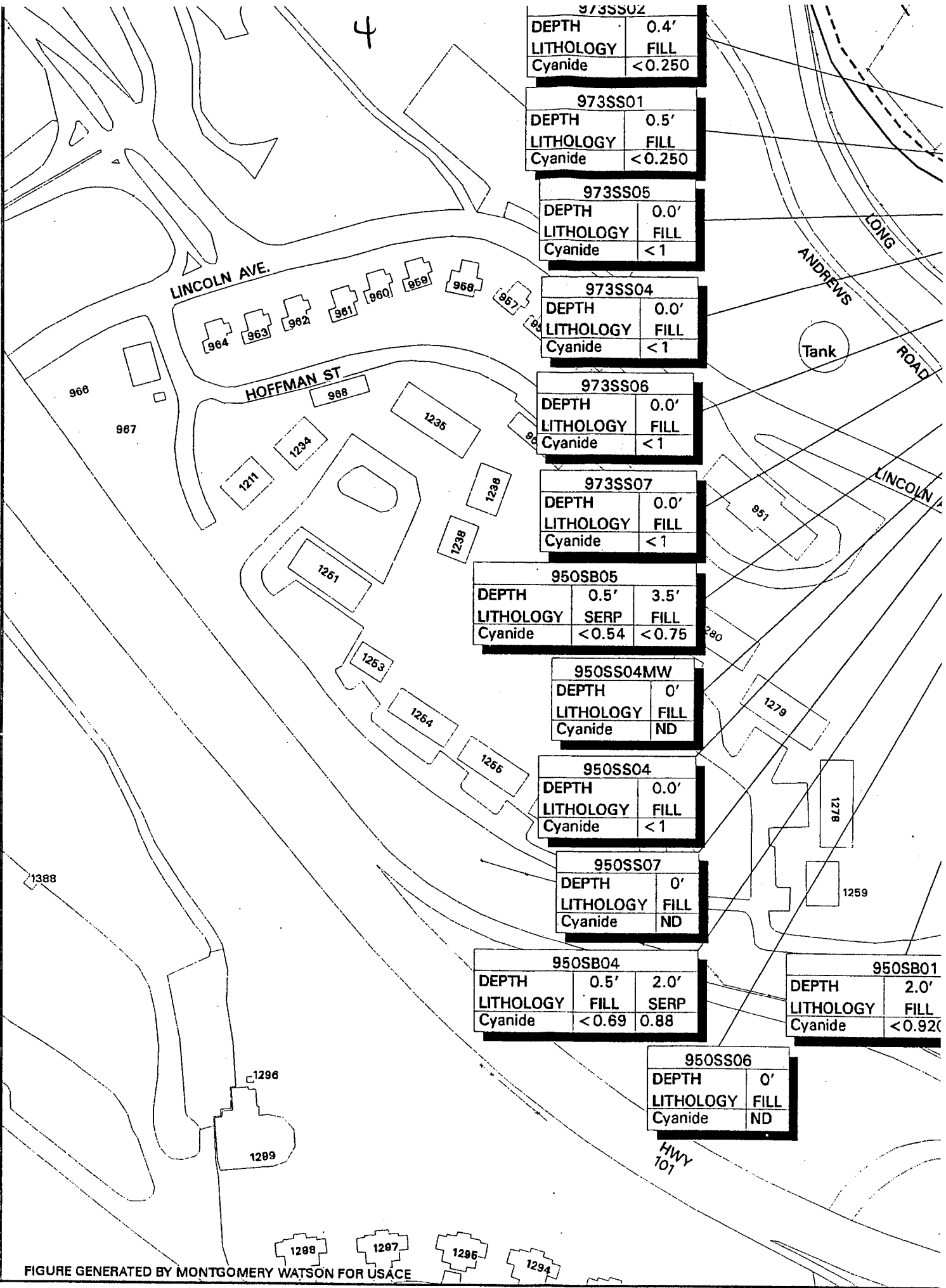
| | | |
|-----------|------|--|
| 950SS04 | | |
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Cyanide | <1 | |

| | | |
|-----------|------|--|
| 950SS07 | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Cyanide | ND | |

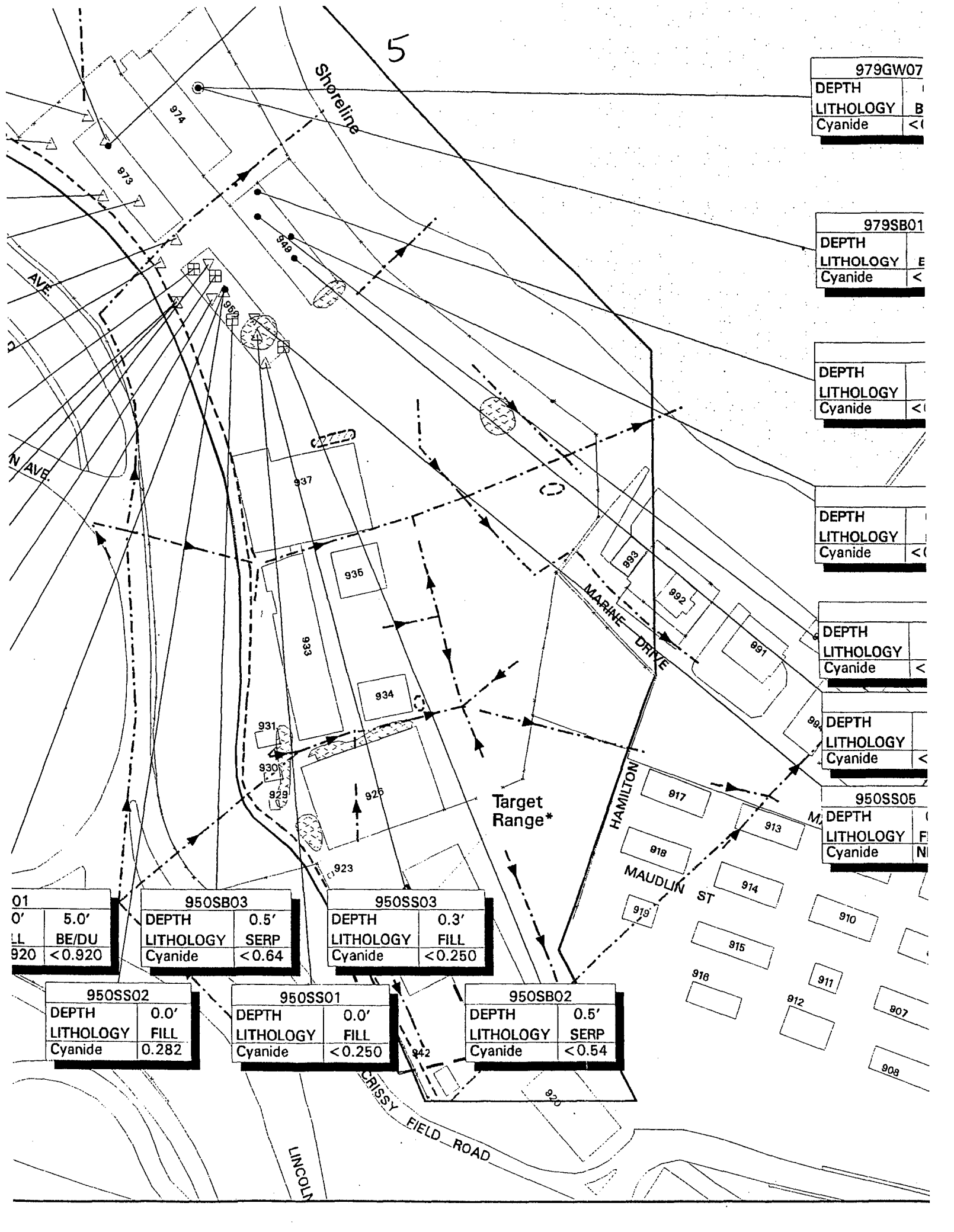
| | | | |
|-----------|-------|------|--|
| 950SB04 | | | |
| DEPTH | 0.5' | 2.0' | |
| LITHOLOGY | FILL | SERP | |
| Cyanide | <0.69 | 0.88 | |

| | | |
|-----------|--------|--|
| 950SB01 | | |
| DEPTH | 2.0' | |
| LITHOLOGY | FILL | |
| Cyanide | <0.920 | |

| | | |
|-----------|------|--|
| 950SS06 | | |
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Cyanide | ND | |



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| | |
|-----------|----|
| 979GW07 | |
| DEPTH | |
| LITHOLOGY | B |
| Cyanide | <0 |

| | |
|-----------|---|
| 979SB01 | |
| DEPTH | |
| LITHOLOGY | E |
| Cyanide | < |

| | |
|-----------|---|
| | |
| DEPTH | |
| LITHOLOGY | |
| Cyanide | < |

| | |
|-----------|---|
| | |
| DEPTH | |
| LITHOLOGY | |
| Cyanide | < |

| | |
|-----------|---|
| | |
| DEPTH | |
| LITHOLOGY | |
| Cyanide | < |

| | |
|-----------|---|
| | |
| DEPTH | |
| LITHOLOGY | |
| Cyanide | < |

| | |
|-----------|---|
| 950SS05 | |
| DEPTH | |
| LITHOLOGY | F |
| Cyanide | N |

| | |
|-------|--------|
| 01 | |
| 0' | 5.0' |
| BE/DU | |
| 920 | <0.920 |

| | |
|-----------|-------|
| 950SB03 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Cyanide | <0.64 |

| | |
|-----------|--------|
| 950SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Cyanide | <0.250 |

| | |
|-----------|-------|
| 950SS02 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cyanide | 0.282 |

| | |
|-----------|--------|
| 950SS01 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Cyanide | <0.250 |

| | |
|-----------|-------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Cyanide | <0.54 |

6

| 979GW07 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Cyanide | <0.920 |

| 979SB01 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Cyanide | <0.920 |

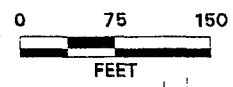
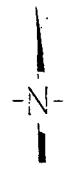
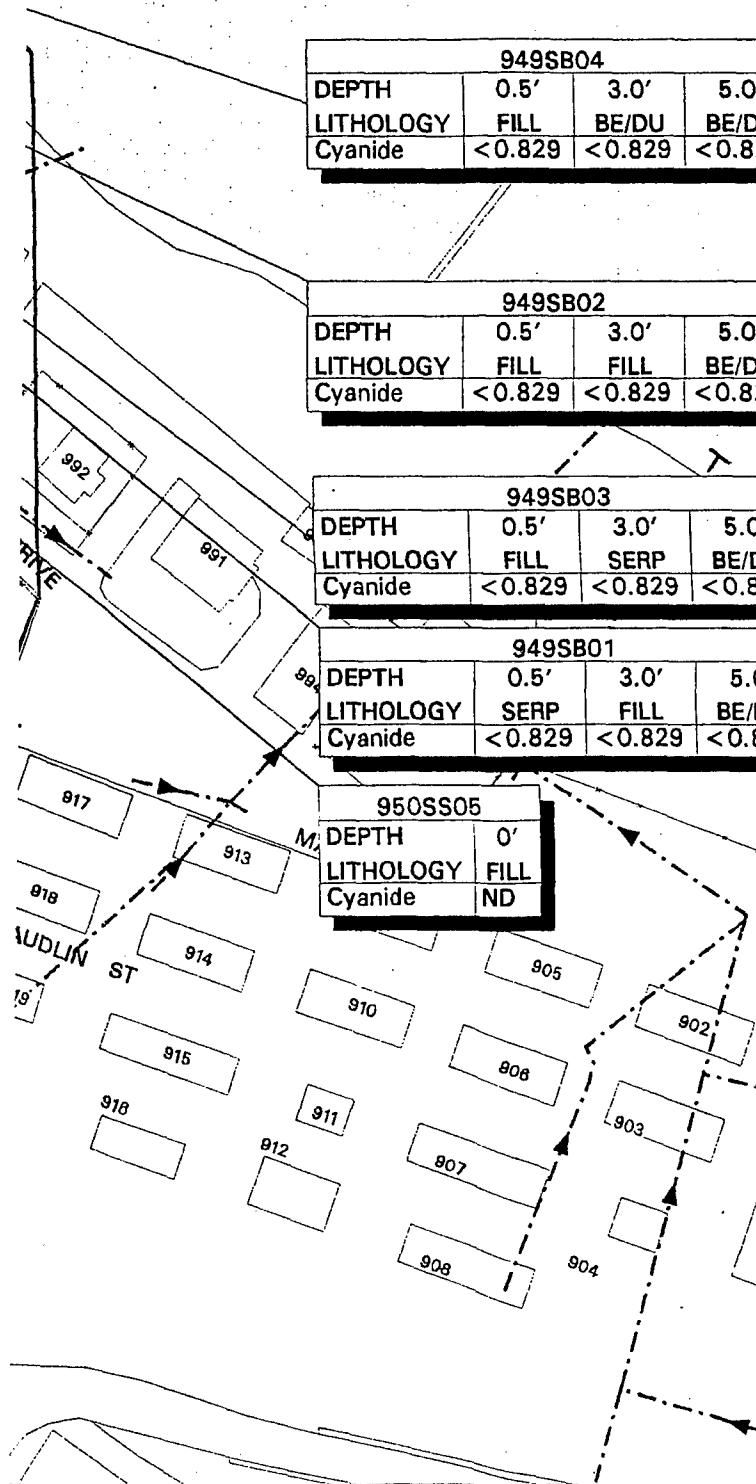
| 949SB04 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Cyanide | <0.829 | <0.829 | <0.829 |

| 949SB02 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Cyanide | <0.829 | <0.829 | <0.829 |

| 949SB03 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Cyanide | <0.829 | <0.829 | <0.829 |

| 949SB01 | | | |
|-----------|--------|--------|--------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Cyanide | <0.829 | <0.829 | <0.829 |

| 950SS05 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Cyanide | ND |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF CYANIDE IN SOIL**

PSF26265

Date: January 1997

Figure 6.5-21

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Iron | 33600 | 16100 |

| 976SB1 | | | | |
|-----------|-------|-------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Iron | 21300 | 33000 | 18800 | 27000 |

| 976SB4 | | |
|-----------|-------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Iron | 21800 | 23200 |

| 976SB2 | | |
|-----------|-------|-------|
| DEPTH | 2.3' | 3.8' |
| LITHOLOGY | BE/DU | BE/DU |
| Iron | 16500 | 35400 |

| 979GW05 | |
|-----------|-------------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Iron | 36000.000 a |

| 973SS02 | |
|-----------|----------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Iron | 3996.436 |

| 973SS03 | |
|-----------|----------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Iron | 9275.708 |

| 973SB01 | | |
|-----------|-------|-------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Iron | 39000 | 31000 |

| 973SS01 | |
|-----------|----------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Iron | 6030.478 |

| 973SS04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 24000 |

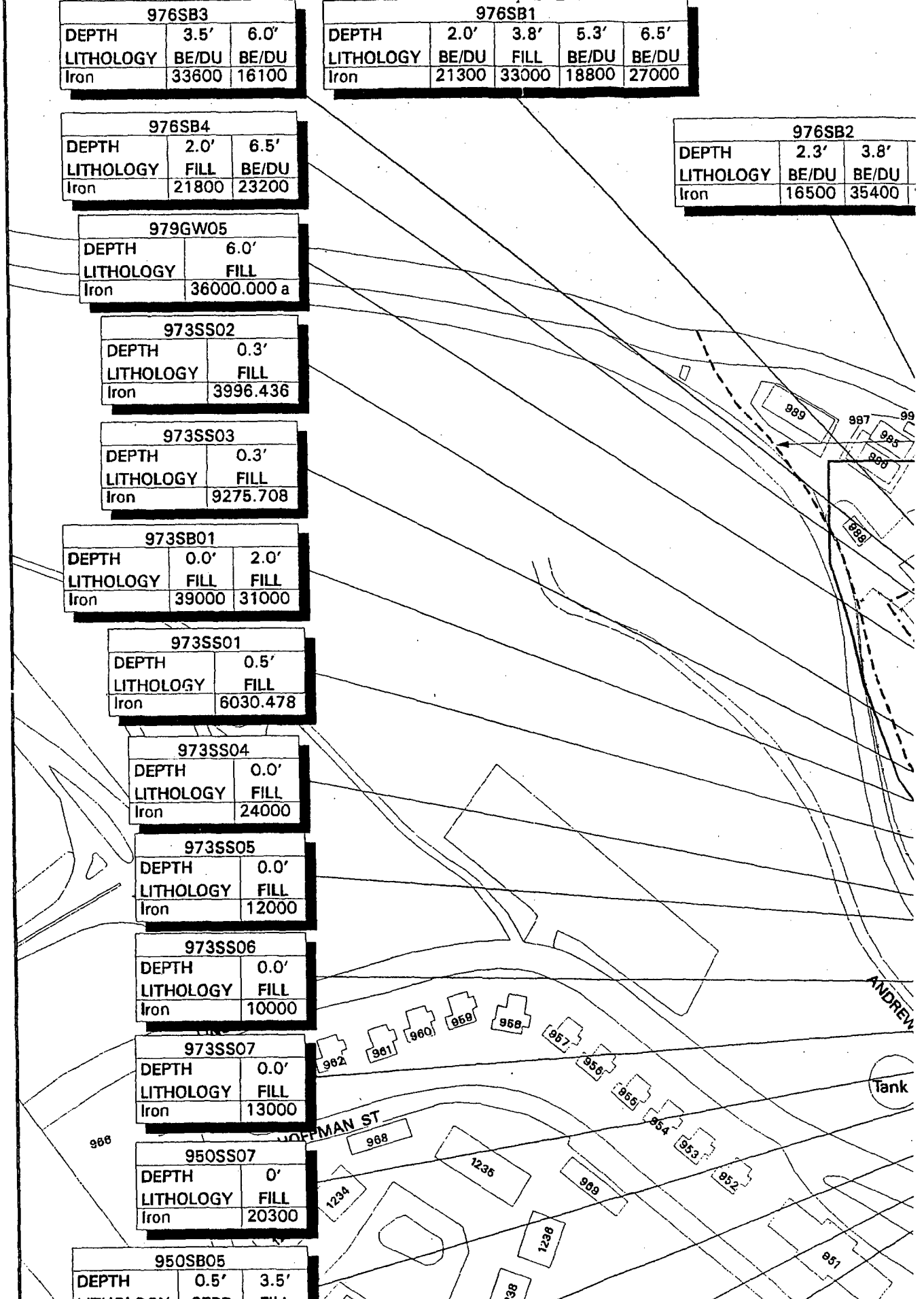
| 973SS05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 12000 |

| 973SS06 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 10000 |

| 973SS07 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 13000 |

| 950SS07 | |
|-----------|-------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Iron | 20300 |

| 950SB05 | | |
|-----------|-------|-------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | BE/DU | FILL |
| Iron | 33600 | 16100 |



2

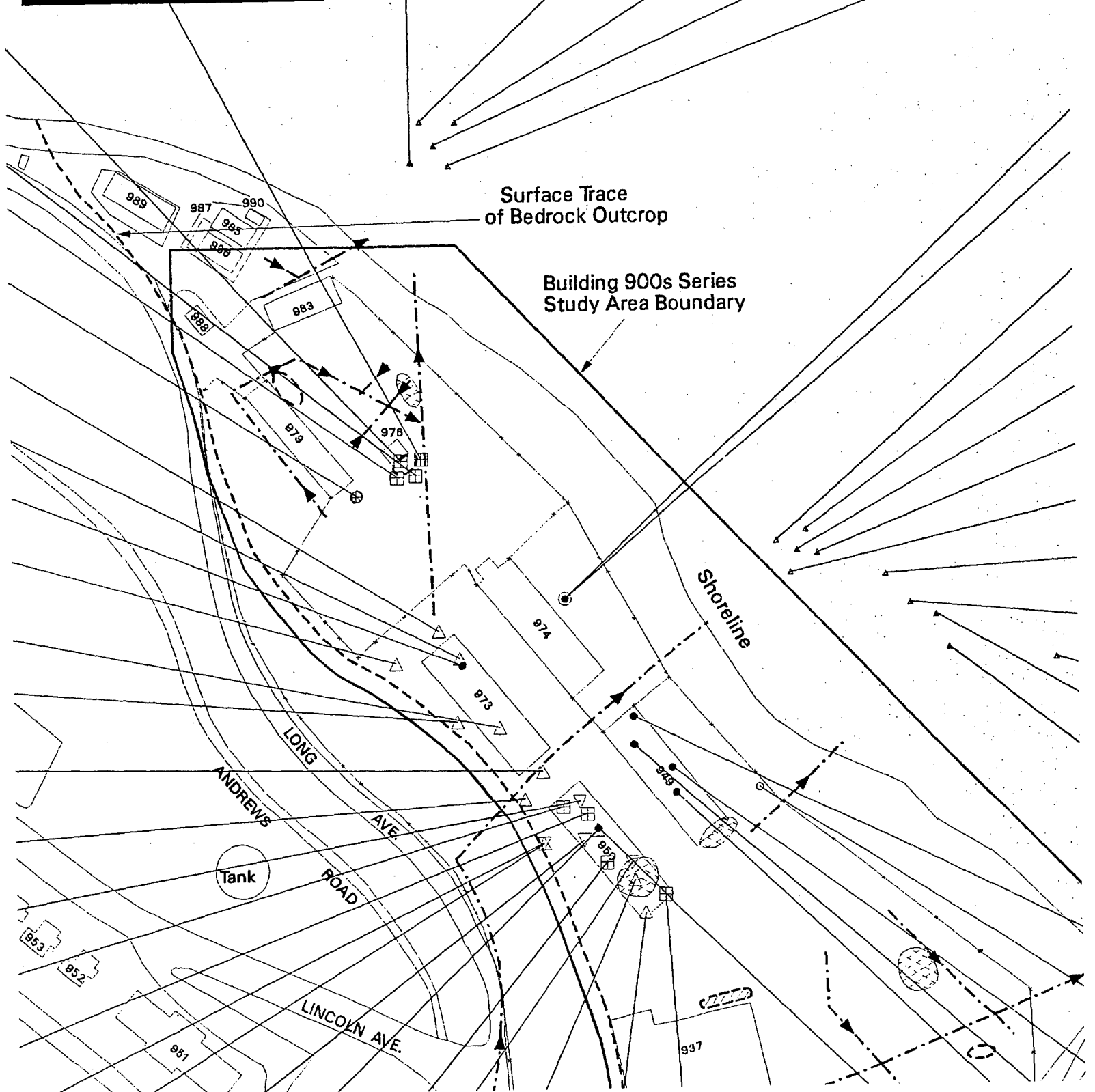
| OF16SD01 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 11100 |

| OF16SD04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 12500 |

| OF16SD05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 13000 |

| OF16SI | |
|-----------|------|
| DEPTH | |
| LITHOLOGY | Iron |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Iron | 16500 | 35400 | 19300 |



| OF16SD03 | |
|----------|-------|
| PTH | 0.0' |
| HOLOGY | MISC |
| 1 | 10300 |

| OF16SD02 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 11900 |

| 979GW07 | |
|-----------|-------------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Iron | 17000.000 a |

| 979SB01 | |
|-----------|-------------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Iron | 12000.000 a |

| OF15SD01 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 13200 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 9730 |

| OF15SD03 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 13800 |

| OF15SD05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 12000 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 8450 |

| 900SD13 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 10100 |

| 900SD10 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 11100 |

| 900SD05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 12100 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 8330 |

| 900SD11 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 12100 |

| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊠ MONTGOMERY WATSON SOIL BORING
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⌋ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ⌋ APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
- ⊞ STAINED AREAS

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 973SS04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 24000 |

| 973SS05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 12000 |

| 973SS06 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 10000 |

| 973SS07 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 13000 |

| 950SS07 | |
|-----------|-------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Iron | 20300 |

| 950SB05 | | |
|-----------|-------|-------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Iron | 16900 | 34600 |

| 950SB04 | | |
|-----------|-------|-------|
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Iron | 39900 | 64900 |

| 950SS04MW | |
|-----------|-------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Iron | 16400 |

| 950SS04 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Iron | 30000 |

| 950SS06 | |
|-----------|-------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Iron | 29200 |

| 950SS02 | |
|-----------|-----------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Iron | 33902.637 |

| 950SS05 | |
|-----------|-------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Iron | 17400 |

| 950SS03 | |
|-----------|-------|
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Iron | 52600 |

| 950SB03 | |
|-----------|-------|
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Iron | 52600 |

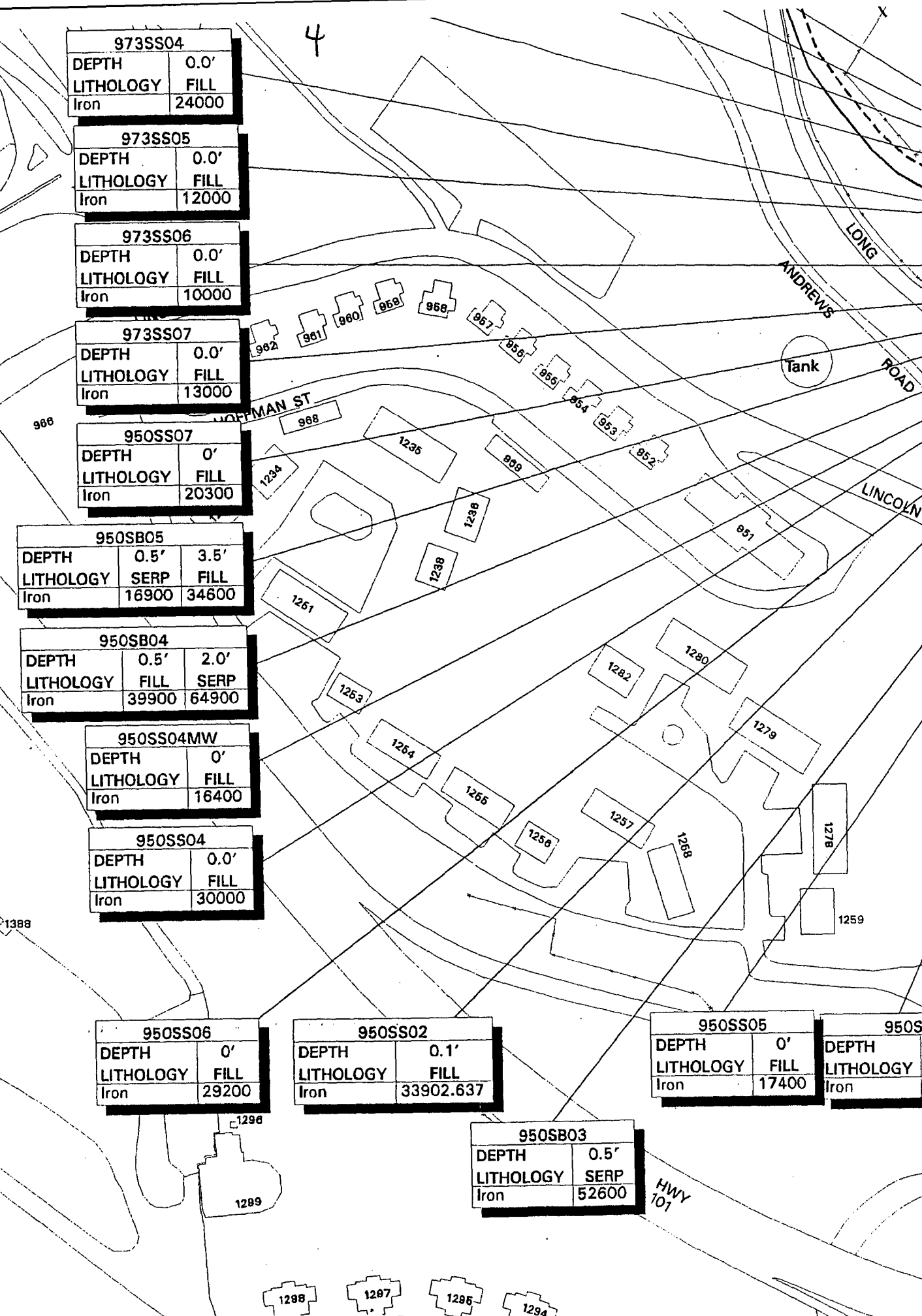
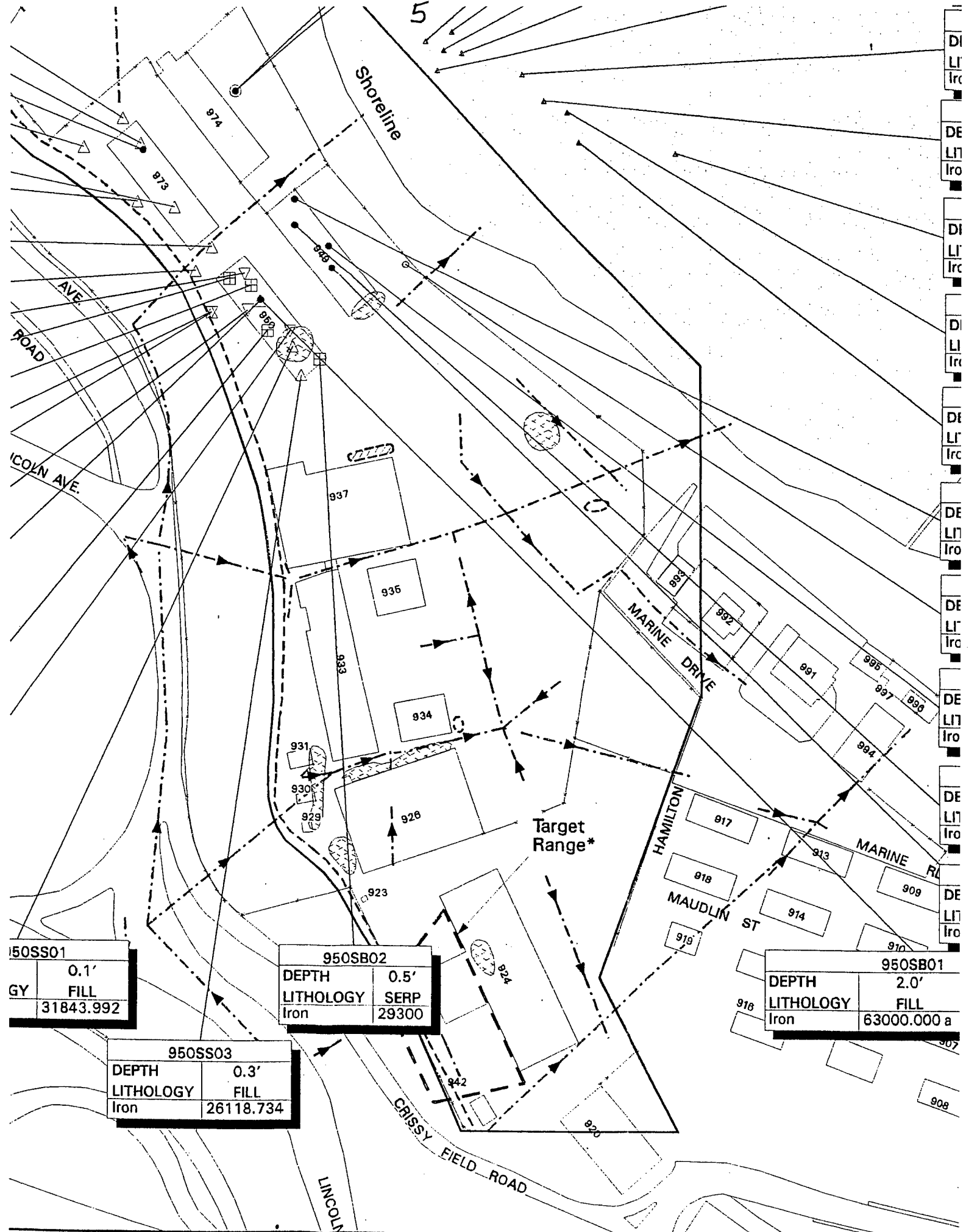


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| | |
|-----------|-----------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Iron | 31843.992 |

| | |
|-----------|-------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Iron | 29300 |

| | |
|-----------|-----------|
| 950SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Iron | 26118.734 |

| | |
|-----------|-------------|
| 950SB01 | |
| DEPTH | 2.0' |
| LITHOLOGY | FILL |
| Iron | 63000.000 a |

6

| 900SD13 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 10100 |

| 900SD10 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 11100 |

| 900SD05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 12100 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 8330 |

| 900SD11 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Iron | 12100 |

| 949SB04 | | | |
|-----------|---------|---------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Iron | 31400 a | 35100 a | 11300 |

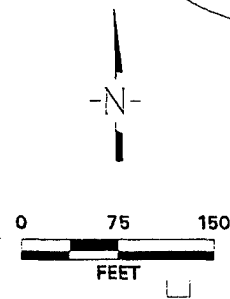
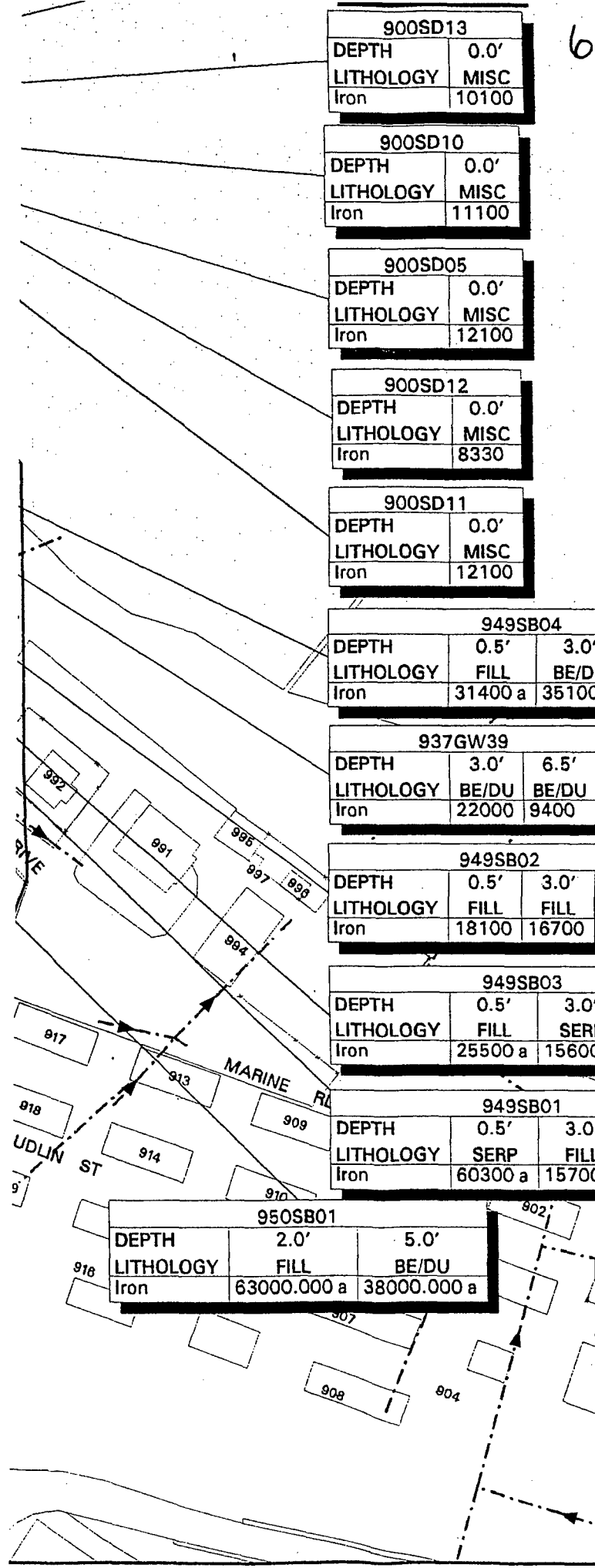
| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Iron | 22000 | 9400 |

| 949SB02 | | | |
|-----------|-------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Iron | 18100 | 16700 | 9680 |

| 949SB03 | | | |
|-----------|---------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Iron | 25500 a | 15600 | 11400 |

| 949SB01 | | | |
|-----------|---------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Iron | 60300 a | 15700 | 10800 |

| 950SB01 | | |
|-----------|-------------|-------------|
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Iron | 63000.000 a | 38000.000 a |



DAMES & MOORE

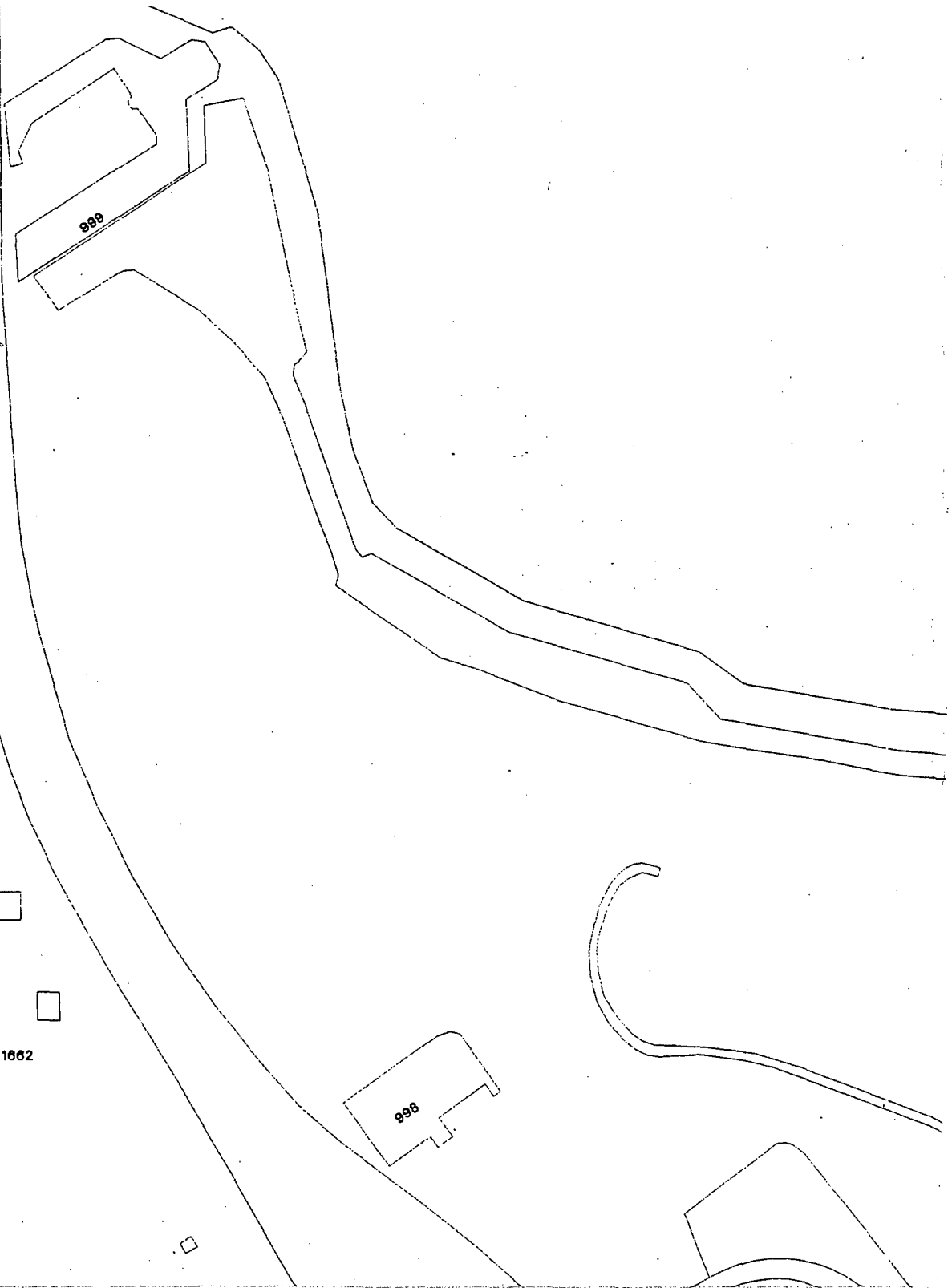
**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF IRON IN SOIL**

PSF26266

Date: January 1997

Figure 6.5-22

1



2

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 10.7 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Lead | 22.8 | < 5.5 | < 5.3 |

| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.79 |

| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 8.97 |

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Lead | < 6.3 | < 5.2 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Lead | 54.2 | 1580 | < 5.2 | < 6.7 |

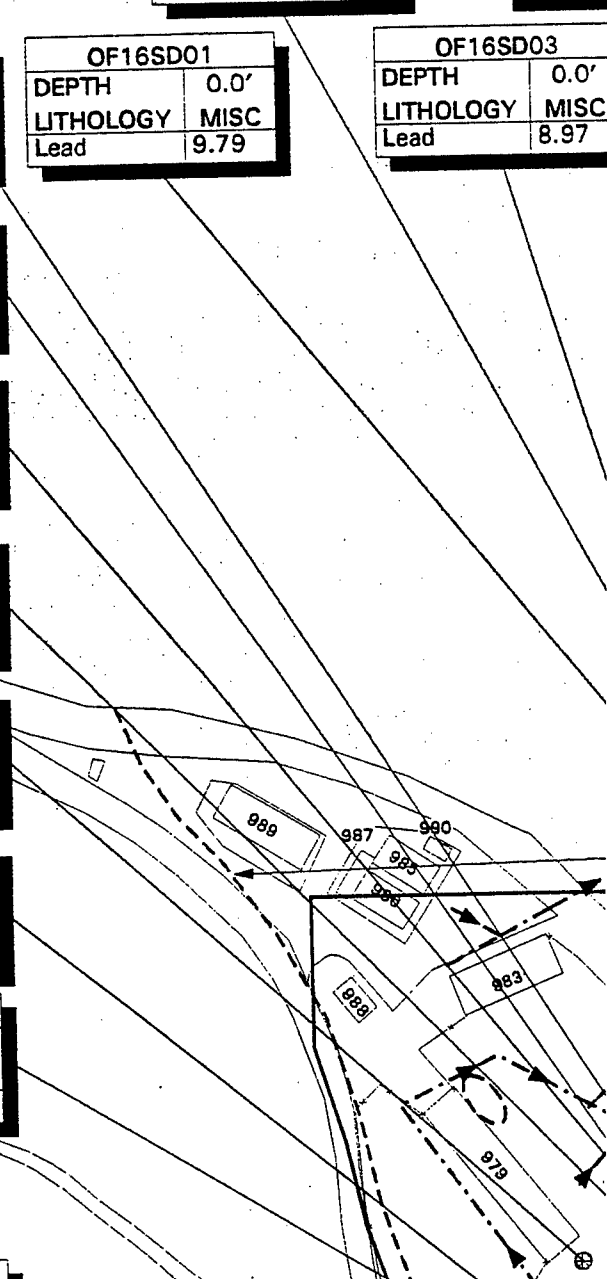
| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Lead | 20.8 | 12.5 |

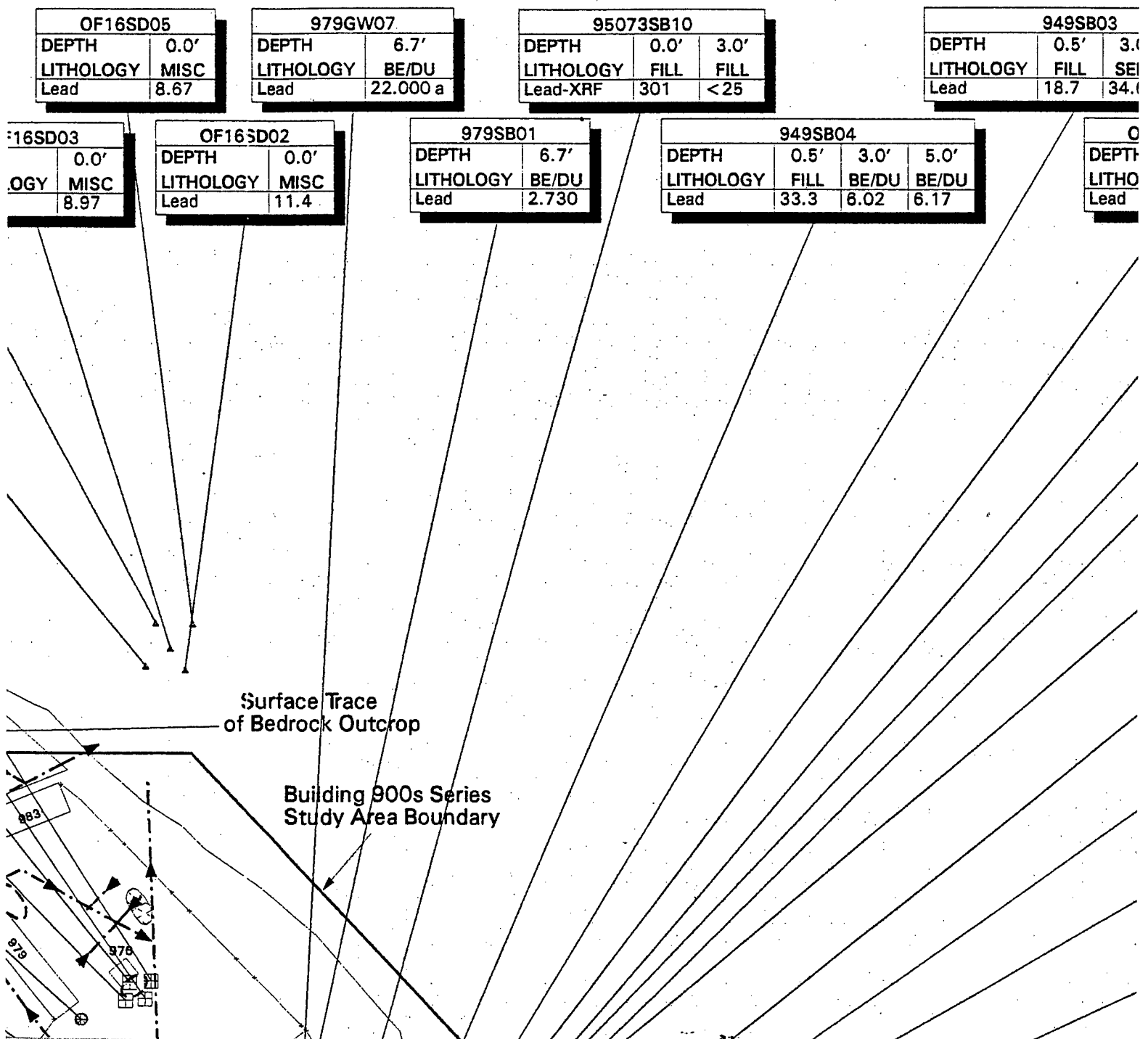
| 979GW05 | |
|-----------|---------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Lead | 1.820 f |

| 973SS02 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Lead | 317.911 |

| 95073SB07 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | FILL |
| Lead-XRF | 201 | 33.7 |

| 95073SB08 | |
|-----------|--|
|-----------|--|





4

| 949SB03 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Lead | 18.7 | 34.6 | 42.2 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.42 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 10.4 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.73 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.85 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.27 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.76 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.6 |












| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.15 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 8.69 |

| 900SD05 | |
|---------|------|
| DEPTH | 0.0' |

San Francisco Bay

EXPLANATION

| | |
|---|--|
|  | ESAP SEDIMENT SAMPLE |
|  | SURFACE SOIL SAMPLE |
|  | MONTGOMERY WATSON SURFACE SOIL SAMPLE |
|  | SOIL BORING |
|  | MONTGOMERY WATSON SOIL BORING |
|  | SHALLOW MONITORING WELL WITH SOIL SAMPLES |
|  | DEEP MONITORING WELL WITH SOIL SAMPLES |
|  | APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA |
|  | APPROXIMATE LOCATIONS OF FORMER USTs |
|  | STORM DRAIN WITH FLOW DIRECTION |
|  | STAINED AREAS |

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

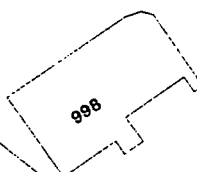
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

6

1664
1663



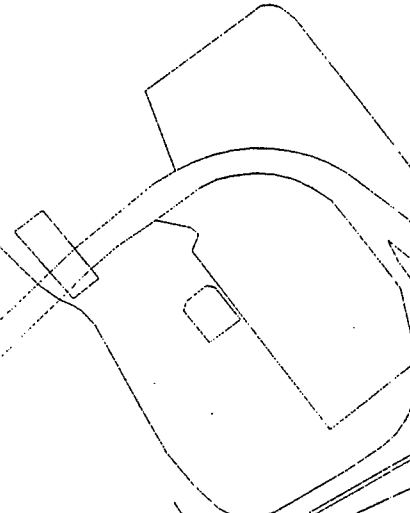
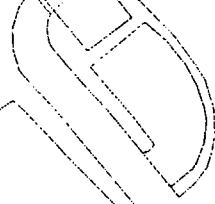
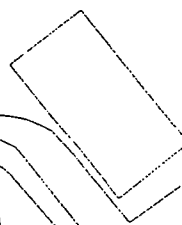
1662



998

1665

1661



1659

96

7

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Lead | 22.8 | <5.5 | <5.3 |

| OF 16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.79 |

| OF 16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 8.97 |

| DEPT |
|------|
| LITH |
| Lead |

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Lead | <6.3 | <5.2 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Lead | 54.2 | 1580 | <5.2 | <6.7 |

| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Lead | 20.8 | 12.5 |

| 979GW05 | |
|-----------|---------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Lead | 1.820 f |

| 973SS02 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Lead | 317.911 |

| 95073SB07 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | FILL |
| Lead-XRF | 201 | 33.7 |

| 95073SB08 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | FILL |
| Lead-XRF | <25 | <25 |

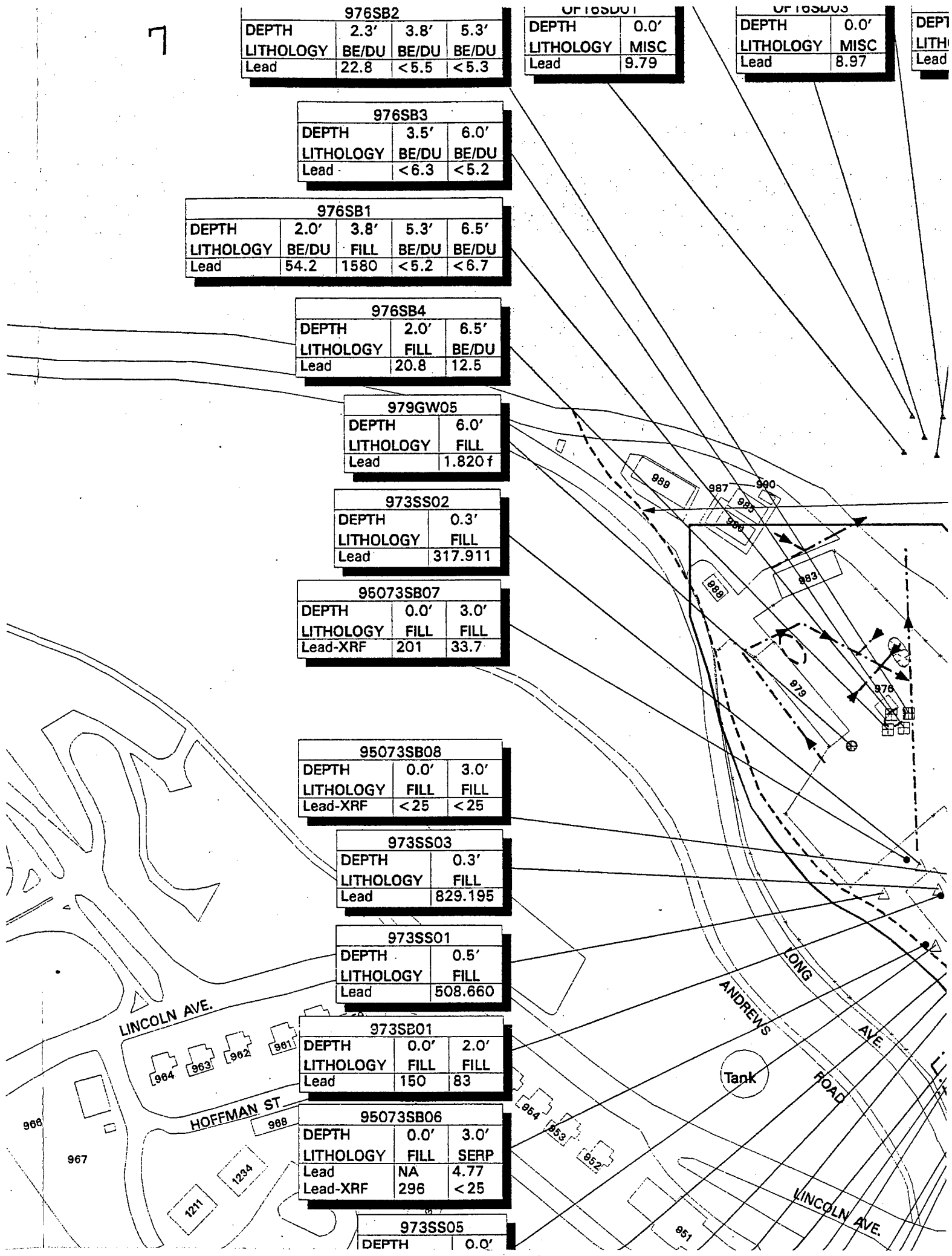
| 973SS03 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Lead | 829.195 |

| 973SS01 | |
|-----------|---------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Lead | 508.660 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Lead | 150 | 83 |

| 95073SB06 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | SERP |
| Lead | NA | 4.77 |
| Lead-XRF | 296 | <25 |

| 973SS05 | |
|---------|------|
| DEPTH | 0.0' |

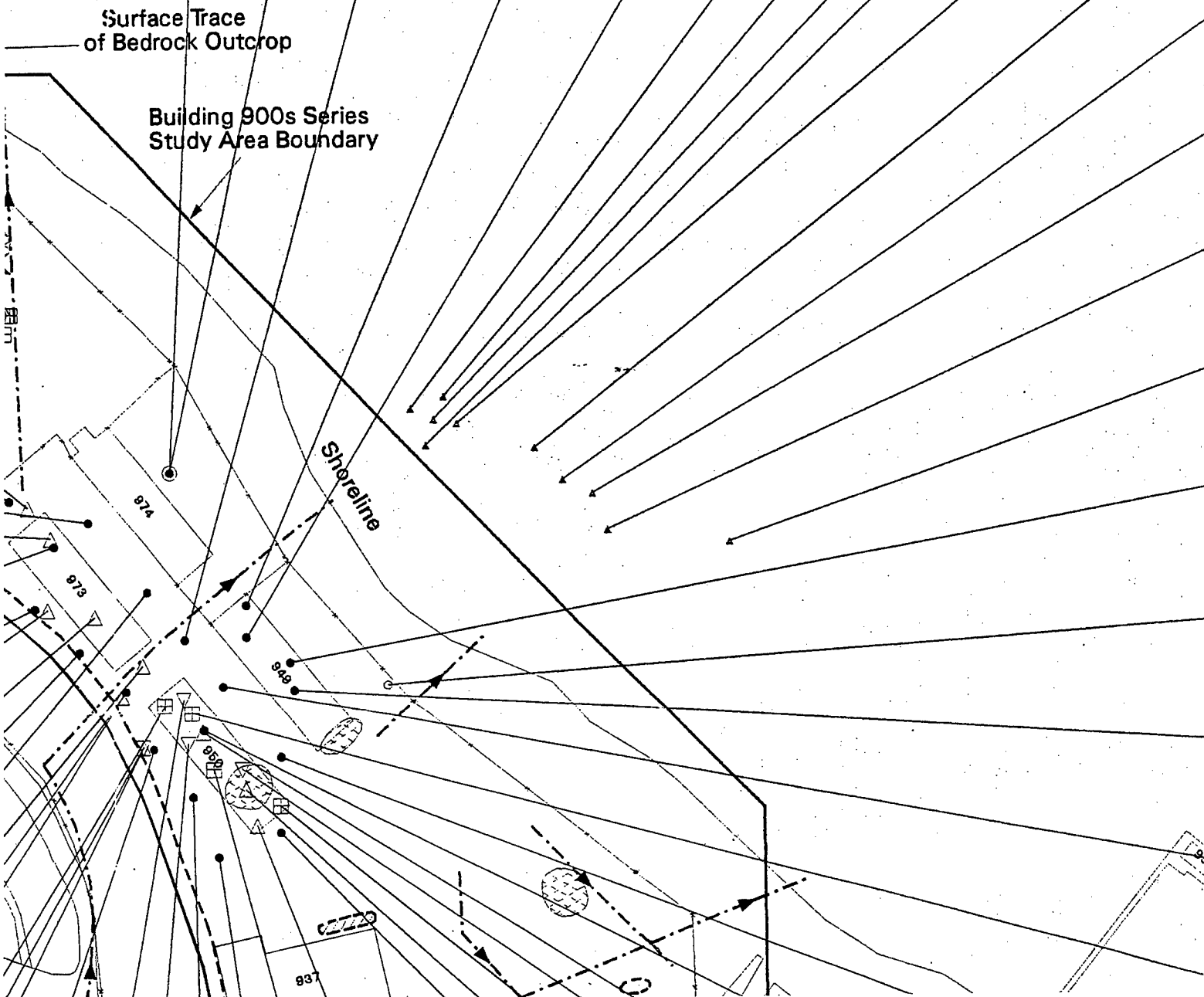


| OF16SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 11.4 |

| 979SB01 | |
|-----------|-------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Lead | 2.730 |

| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Lead | 33.3 | 6.02 | 6.17 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.42 |



| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.42 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 10.4 |

9

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.73 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.85 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.27 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 7.76 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.6 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 9.15 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 8.69 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Lead | 6.91 |

San Francisco Bay

| 949SB02 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Lead | 15.7 | 61.0 | 6.64 |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Lead | 28 | 1.4 |







| 949SB01 | | | |
|-----------|--------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Lead | 19.0 a | 217 | 7.10 |

| 95073SB11 | | |
|-----------|------|-------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | BE/DU |
| Lead-XRF | <25 | 187 |

| 950SB04 | | |
|-----------|------|------|
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |

NOTI

10

-  SHALLOW MONITORING WELL WITH SOIL SAMPLES
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

0'
DU
4

0'
DU
0

11

968

1659

1380

1389

1387

1388

1648

1208

1207

1206

1373

1643

1644

1640

1211

1232

1286

1210

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

| LITHOLOGY | FILL | FILL |
|-----------|------|------|
| Lead | 150 | 83 |

| 95073SB06 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | SERP |
| Lead | NA | 4.77 |
| Lead-XRF | 296 | < 25 |

| 973SS05 | | |
|-----------|------|------|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | | 4000 |

| 973SS04 | | |
|-----------|------|-----|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | | 410 |

| 95073SB05 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | FILL |
| Lead | 41.7 | NA |
| Lead-XRF | 1500 | < 25 |

| 95073SB09 | | |
|-----------|------|-------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | BE/DU |
| Lead-XRF | < 25 | < 25 |

| 973SS06 | | |
|-----------|------|-----|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | | 300 |

| 973SS07 | | |
|-----------|------|-----|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | | 880 |

| 95073SB04 | | |
|-----------|------|------|
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | SERP |
| Lead-XRF | 449 | 100 |

| 950SB05 | | |
|-----------|------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Lead | 5.8 | 2460 |

| 950SS04MW | | |
|-----------|------|------|
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Lead | | 1220 |

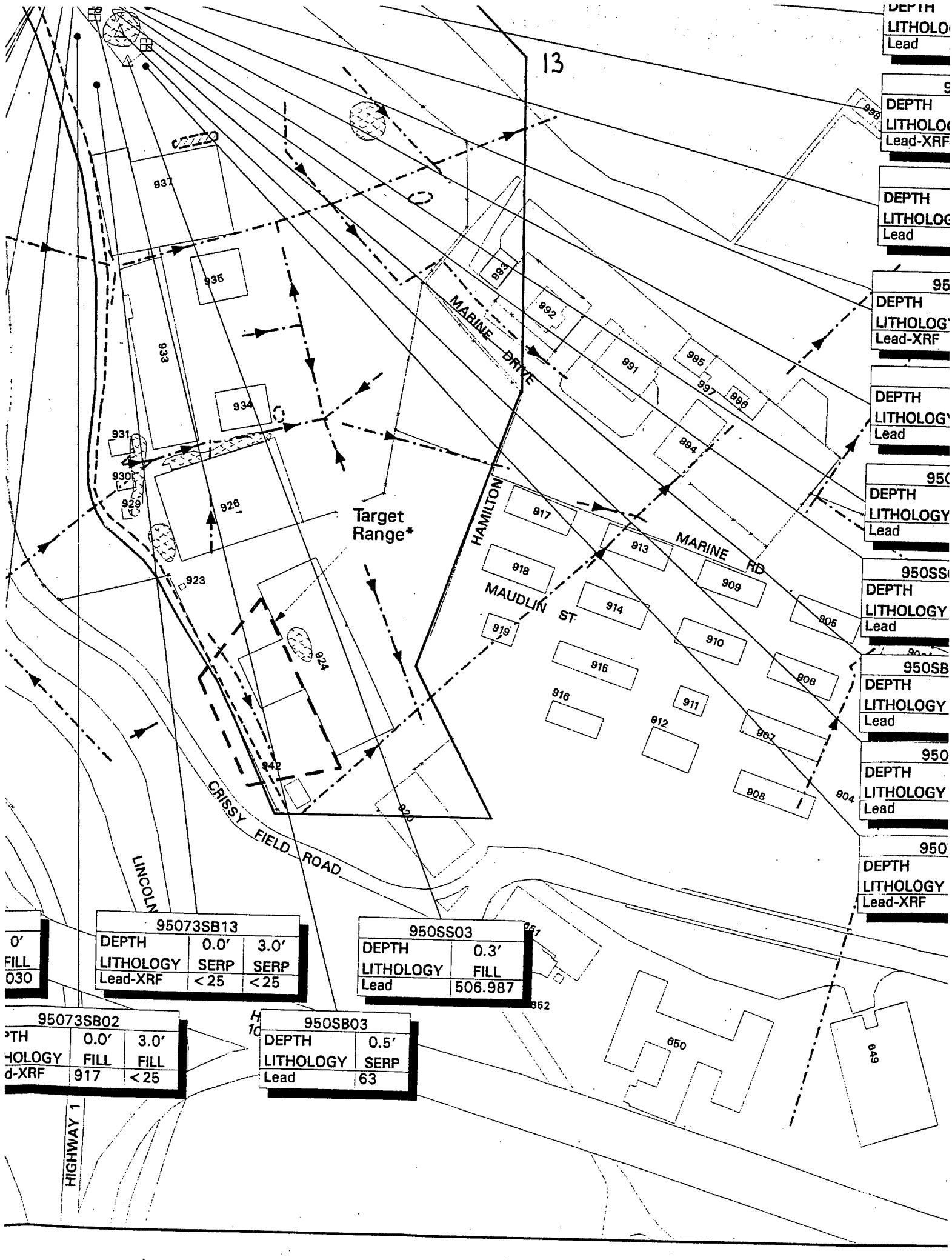
| 95073SB03 | | | |
|-----------|------|------|------|
| DEPTH | 0.0' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | FILL |
| Lead-XRF | < 25 | 1160 | < 25 |

| 950SS06 | | |
|-----------|--|----|
| DEPTH | | |
| LITHOLOGY | | |
| Lead | | 10 |

| 950SS04 | | |
|-----------|------|----|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Lead | | 89 |

| 950SS07 | | |
|-----------|------|------|
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Lead | | 1240 |

| |
|------|
| DEP |
| LITH |
| Lead |



| | | |
|-------|-----------|----------|
| DEPTH | LITHOLOGY | Lead |
| 9 | | |
| DEPTH | LITHOLOGY | Lead-XRF |
| 998 | | |
| DEPTH | LITHOLOGY | Lead |
| 95 | | |
| DEPTH | LITHOLOGY | Lead-XRF |
| 950 | | |
| DEPTH | LITHOLOGY | Lead |
| 950 | | |
| DEPTH | LITHOLOGY | Lead |
| 950SS | | |
| DEPTH | LITHOLOGY | Lead |
| 950SB | | |
| DEPTH | LITHOLOGY | Lead |
| 950 | | |
| DEPTH | LITHOLOGY | Lead |
| 950 | | |
| DEPTH | LITHOLOGY | Lead-XRF |

| | | | |
|-----------|------|------|--|
| 95073SB13 | | | |
| DEPTH | 0.0' | 3.0' | |
| LITHOLOGY | SERP | SERP | |
| Lead-XRF | < 25 | < 25 | |

| | |
|-----------|---------|
| 950SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Lead | 506.987 |

| | | |
|-----------|------|------|
| 95073SB02 | | |
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | FILL |
| Lead-XRF | 917 | < 25 |

| | |
|-----------|------|
| 950SB03 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Lead | 63 |

HIGHWAY 1

| | | | |
|-----------|--------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Lead | 19.0 a | 217 | 7.10 |

14

| | | | |
|-----------|------|-------|--|
| 95073SB11 | | | |
| DEPTH | 0.0' | 3.0' | |
| LITHOLOGY | FILL | BE/DU | |
| Lead-XRF | < 25 | 187 | |

| | | |
|-----------|-------|--------|
| 950SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Lead | < 6.9 | < 15.4 |

| | | |
|-----------|------|------|
| 95073SB12 | | |
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | SERP |
| Lead-XRF | < 25 | 100 |

| | | |
|-----------|-----------|-----------|
| 950SB01 | | |
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Lead | 330.000 a | 140.000 a |

| | |
|-----------|------------|
| 950SS02 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Lead | 1756.273 a |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Lead | 1130 |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Lead | 26.1 |

| | |
|-----------|------------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Lead | 1207.146 a |

| | | |
|-----------|------|------|
| 95073SB01 | | |
| DEPTH | 0.0' | 3.0' |
| LITHOLOGY | FILL | FILL |
| Lead-XRF | < 25 | < 25 |

INE RD

909

910

908

640

644

645

675

643

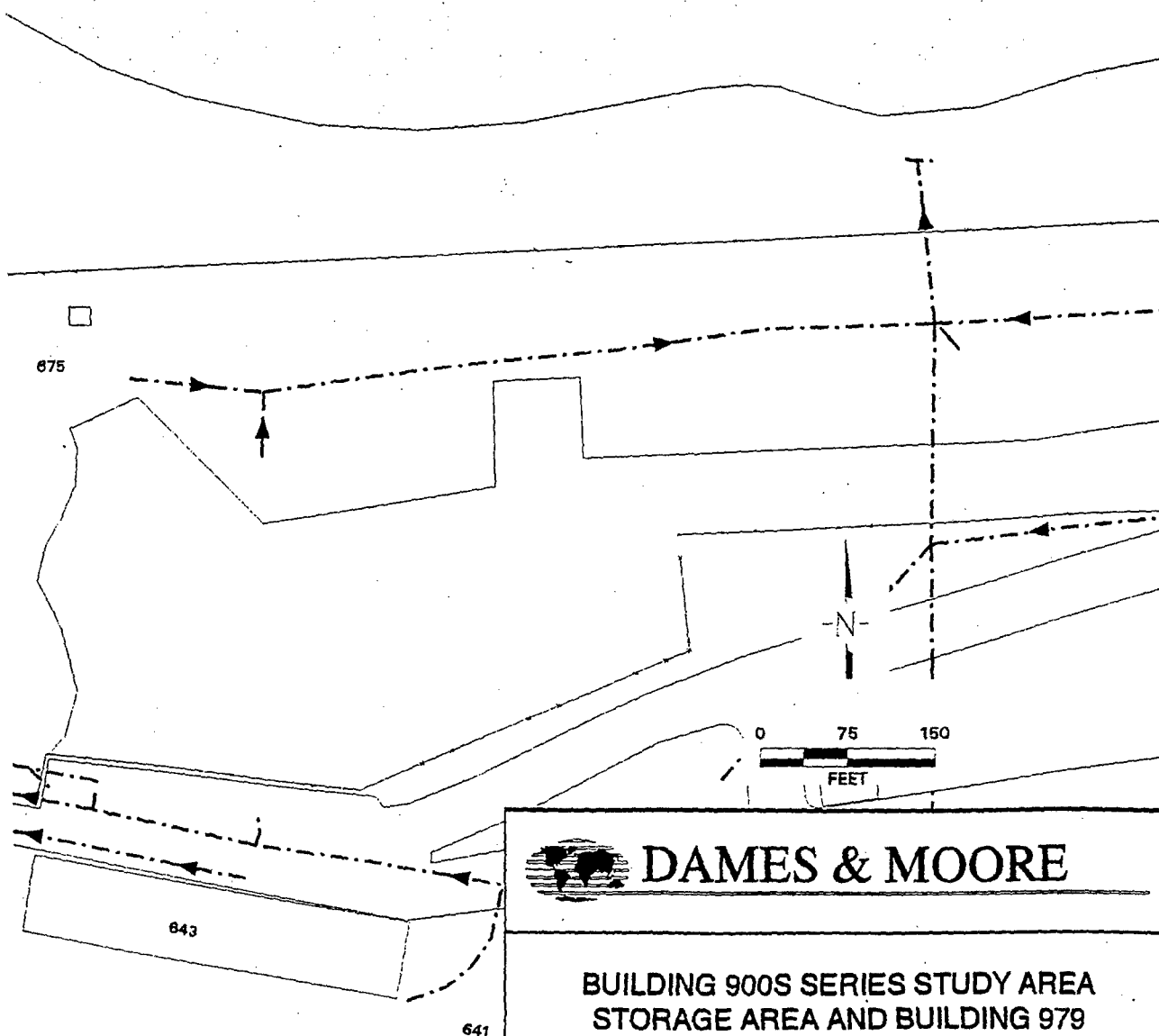
641



BUILDING
STORAG
CONCEN'

PSF26271

Date: January

**DAMES & MOORE**

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF LEAD IN SOIL**

PSF26271

Date: January 1997

Figure 6.5-23

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 589 | 204 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Manganese | 452 | 593 | 228 | 355 |

| 976SB2 | | | |
|-----------|-------|-------|------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/D |
| Manganese | 461 | 585 | 270 |

| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Manganese | 575 | 396 |

| 979GW05 | |
|-----------|---------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Manganese | 422.000 |

| 973SS02 | |
|-----------|--------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Manganese | 34.370 |

| 973SS03 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Manganese | 152.066 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Manganese | 1700 | 750 |

| 973SS01 | |
|-----------|--------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Manganese | 65.058 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 2200 |

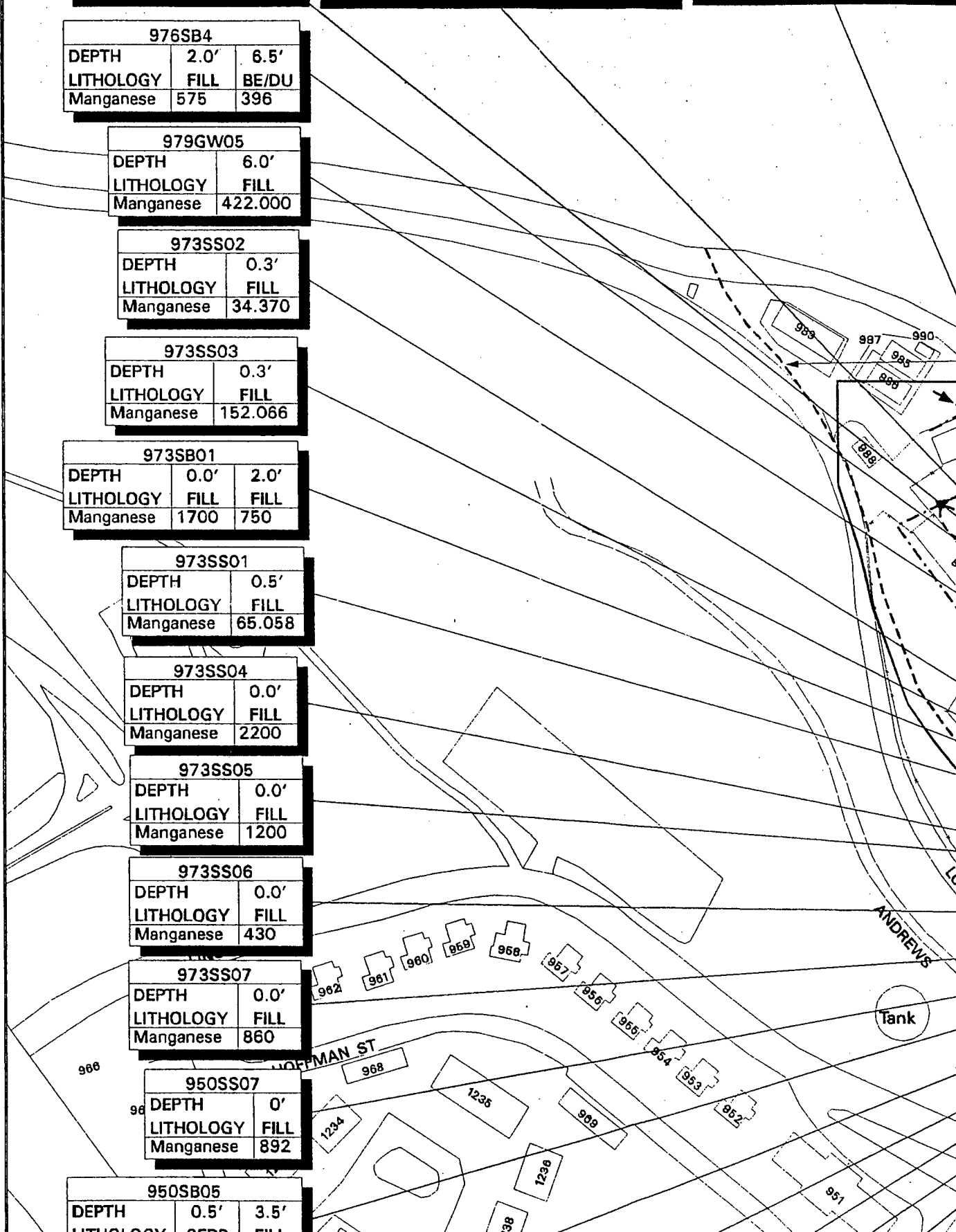
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 1200 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 430 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 860 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Manganese | 892 |

| 950SB05 | | |
|-----------|-------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | BE/DU | FILL |
| Manganese | 555 | 555 |



2

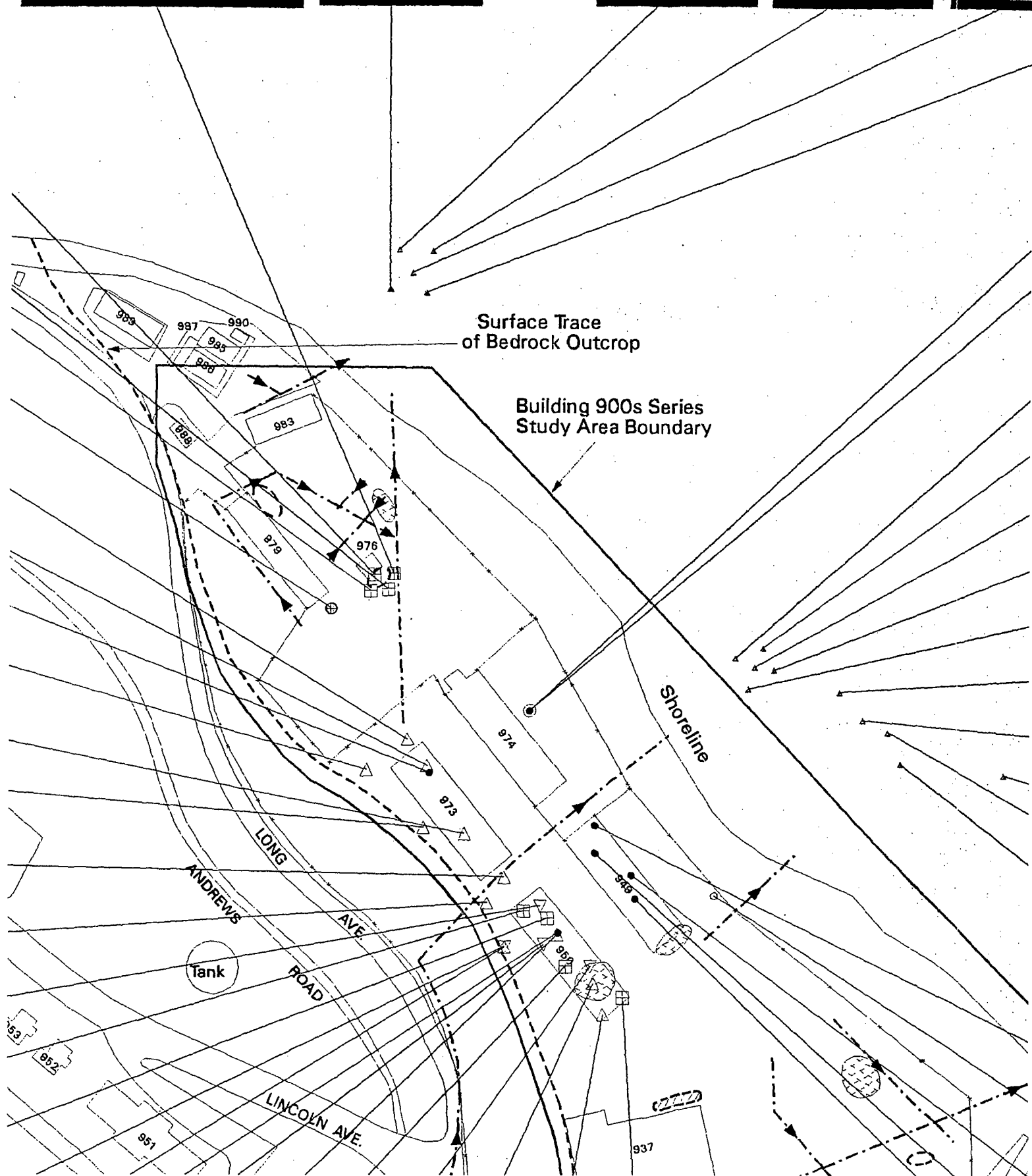
| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Manganese | 461 | 585 | 270 |

| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 146 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 166 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 174 |

| OF16SI | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Manganese | |



| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 140 |

| OF16SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 154 |

| 979GW07 | |
|-----------|-----------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Manganese | 243.000 f |

| 979SB01 | |
|-----------|---------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Manganese | 178.000 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 192 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 144 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 194 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 143 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 110 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 163 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 176 |




| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 147 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 125 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 153 |

| 949SB04 | | | |
|-----------|-------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊞ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| | |
|-----------|------|
| 973SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 2200 |

| | |
|-----------|------|
| 973SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 1200 |

| | |
|-----------|------|
| 973SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 430 |

| | |
|-----------|------|
| 973SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 860 |

| | |
|-----------|------|
| 950SS07 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Manganese | 892 |

| | | |
|-----------|------|------|
| 950SB05 | | |
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Manganese | 493 | 701 |

| | | |
|-----------|------|------|
| 950SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Manganese | 755 | 939 |

| | |
|-----------|------|
| 950SS04MW | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Manganese | 515 |

| | |
|-----------|------|
| 950SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Manganese | 500 |

| | | |
|-----------|---------|---------|
| 950SB01 | | |
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Manganese | 750.000 | 557.000 |

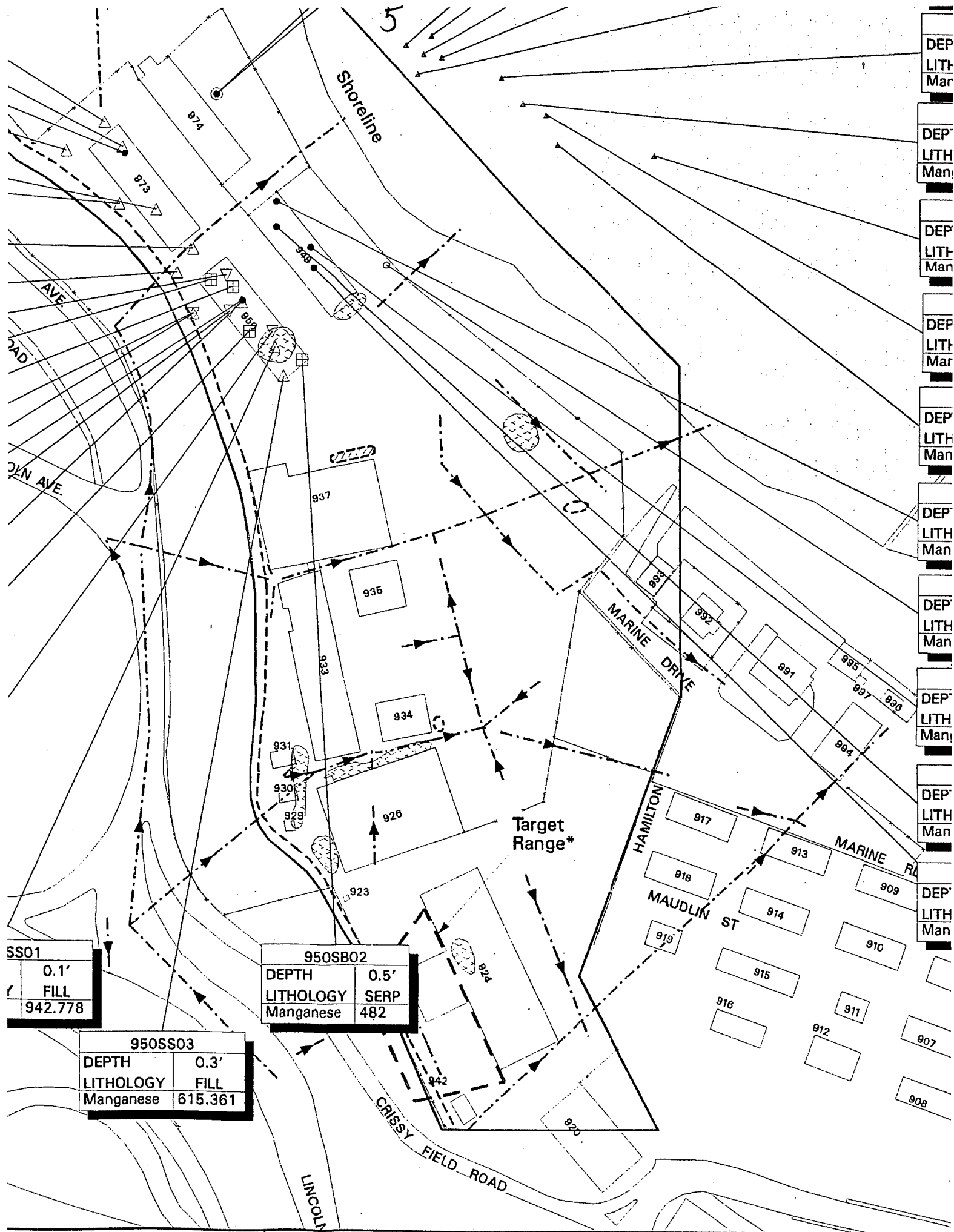
| | |
|-----------|------|
| 950SS06 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Manganese | 1300 |

| | |
|-----------|----------|
| 950SS02 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Manganese | 1152.032 |

| | |
|-----------|------|
| 950SB03 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Manganese | 975 |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Manganese | 597 |

| | |
|-----------|------|
| 950SS01 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Manganese | 942 |



| | |
|---------|--|
| SS01 | |
| 0.1' | |
| FILL | |
| 942.778 | |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Manganese | 482 |

| | |
|-----------|---------|
| 950SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Manganese | 615.361 |

6

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 163 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 176 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 147 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 125 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Manganese | 153 |

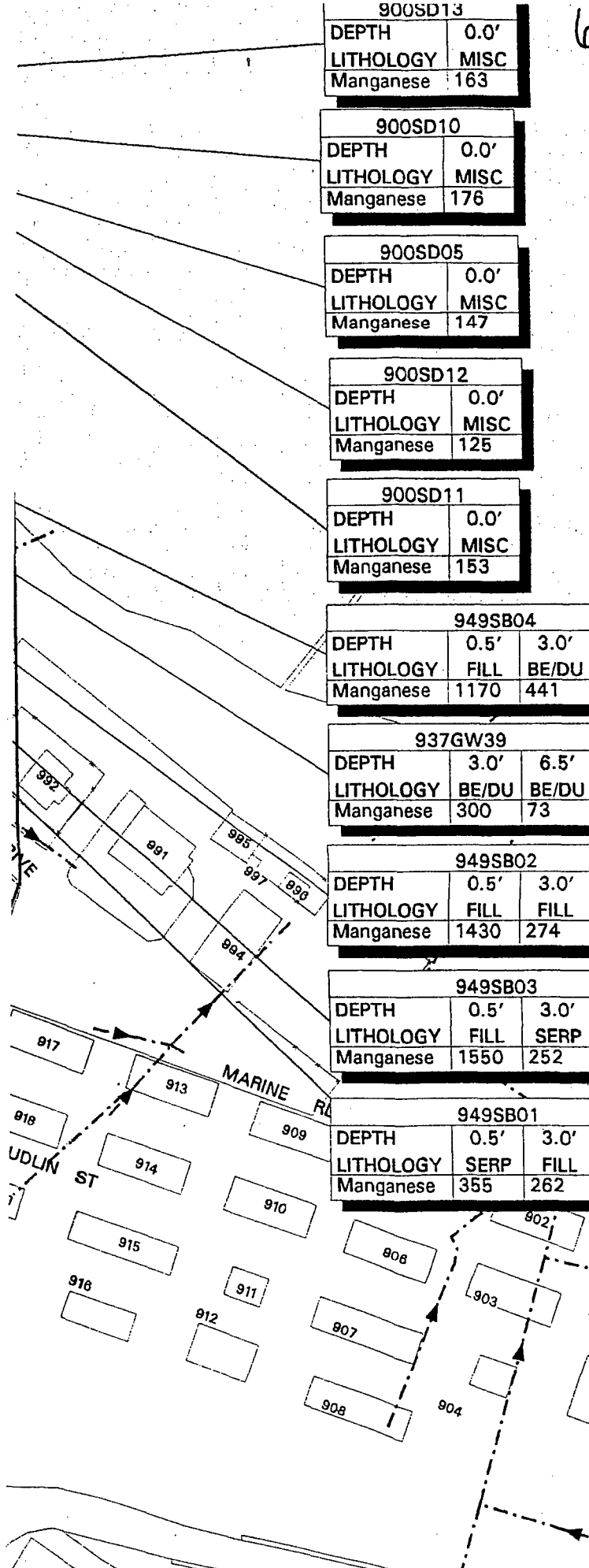
| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Manganese | 1170 | 441 | 177 |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Manganese | 300 | 73 |

| 949SB02 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Manganese | 1430 | 274 | 126 |

| 949SB03 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Manganese | 1550 | 252 | 273 |

| 949SB01 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Manganese | 355 | 262 | 204 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF MANGANESE IN SOIL**

PSF26268

Date: January 1997

Figure 6.5-24

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | <0.13 | <0.10 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Mercury | 0.24 | 0.22 | <0.10 | <0.13 |

| 976SB4 | | |
|-----------|-------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Mercury | <0.11 | 0.25 |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Mercury | <0.10 | <0.11 | <0.1 |

| 979GW05 | |
|-----------|--------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Mercury | <0.027 |

| 973SS02 | |
|-----------|--------|
| DEPTH | 0.4' |
| LITHOLOGY | FILL |
| Mercury | <0.050 |

| 973SS03 | |
|-----------|-------|
| DEPTH | 0.4' |
| LITHOLOGY | FILL |
| Mercury | 0.293 |

| 973SB01 | | |
|-----------|-------|-------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Mercury | 0.031 | 0.053 |

| 973SS01 | |
|-----------|--------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Mercury | <0.050 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.15 |

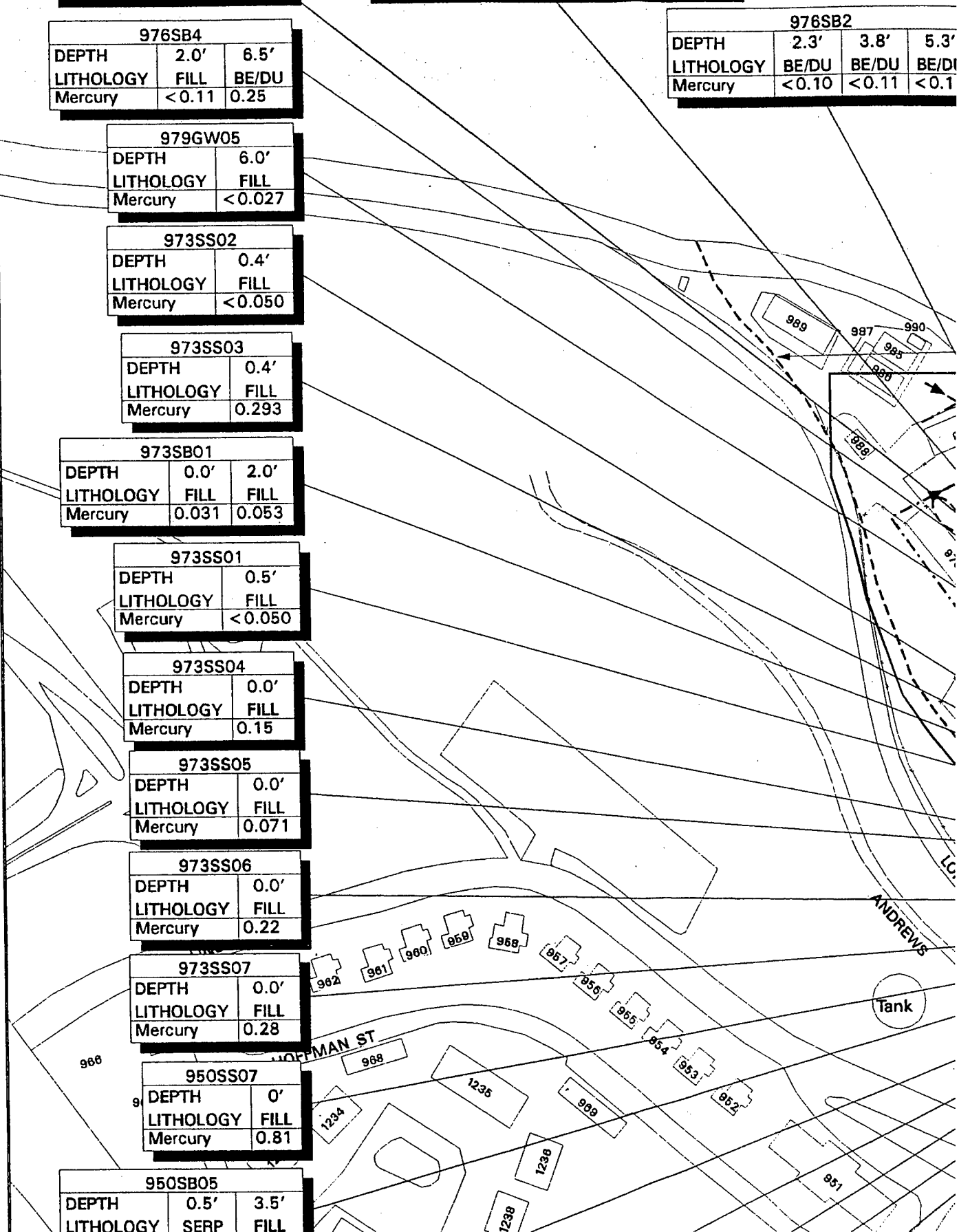
| 973SS05 | |
|-----------|-------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.071 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.22 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Mercury | 0.28 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Mercury | 0.81 |

| 950SB05 | | |
|-----------|------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |



| |
|-------|
| 6.5' |
| BE/DU |
| <0.13 |

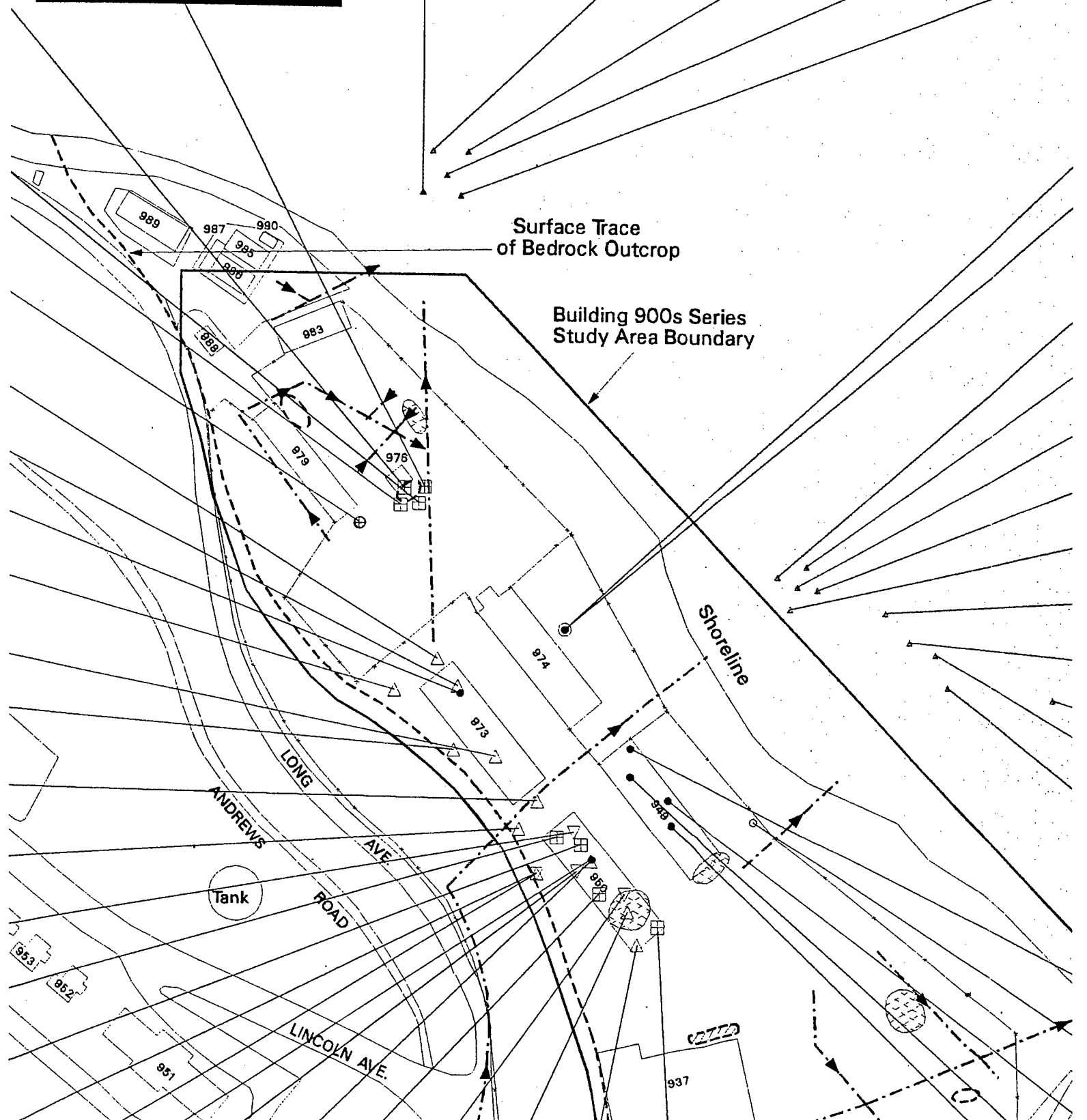
| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| OF16SD06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Mercury | <0.10 | <0.11 | <0.11 |



| | |
|-----------|------|
| 3F16SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF16SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|-------|
| 979GW07 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Mercury | 0.048 |

| | |
|-----------|--------|
| 979SB01 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Mercury | <0.027 |

| | |
|-----------|------|
| OF15SD01 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF15SD04 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF16SD03 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF15SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| OF15SD02 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| 900SD13 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| 900SD10 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| 900SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| 900SD12 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | |
|-----------|------|
| 900SD11 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| | | | |
|-----------|---------|---------|---------|
| 949SB04 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Mercury | <0.0500 | <0.0500 | <0.0500 |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊕ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊗ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⌋ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ⌋ APPROXIMATE LOCATIONS OF FORMER USTs
- STORM DRAIN WITH FLOW DIRECTION
- ⊗ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 973SS04 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.15 | |

| 973SS05 | | |
|-----------|-------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.071 | |

| 973SS06 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.22 | |

| 973SS07 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.28 | |

| 950SS07 | | |
|-----------|------|--|
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.81 | |

| 950SB05 | | |
|-----------|-------|-------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Mercury | <0.11 | <0.15 |

| 950SB04 | | |
|-----------|-------|------|
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Mercury | <0.14 | 0.37 |

| 950SS04MW | | |
|-----------|------|--|
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Mercury | 1.2 | |

| 950SS04 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.29 | |

| 950SB01 | | |
|-----------|-------|-------|
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Mercury | 0.055 | 0.180 |

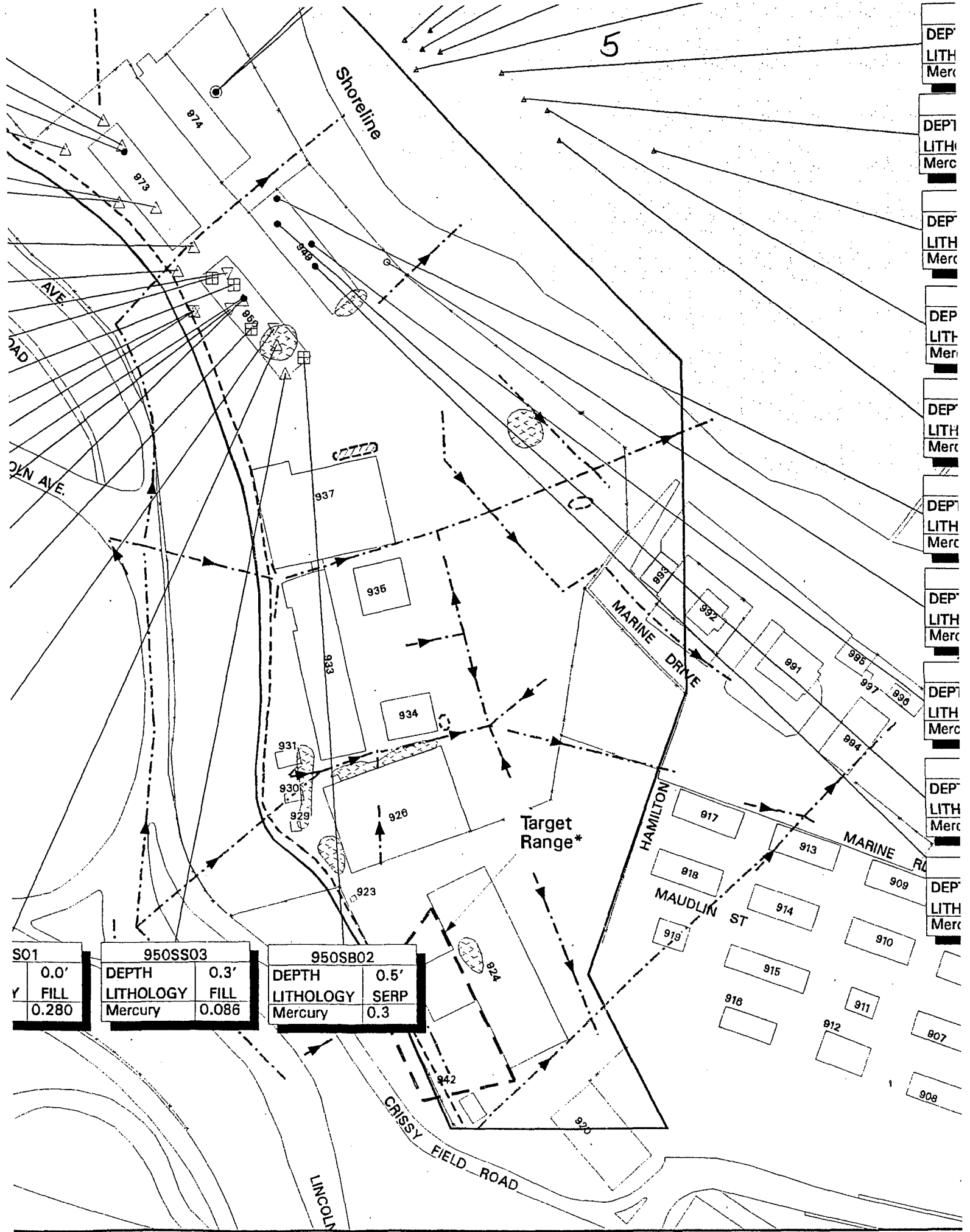
| 950SS06 | | |
|-----------|------|--|
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Mercury | 1.2 | |

| 950SS02 | | |
|-----------|---------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 1.558 a | |

| 950SB03 | | |
|-----------|-------|--|
| DEPTH | 0.5' | |
| LITHOLOGY | SERP | |
| Mercury | <0.13 | |

| 950SS05 | | |
|-----------|------|--|
| DEPTH | 0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.95 | |

| 950SS01 | | |
|-----------|-------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Mercury | 0.280 | |



| | |
|------|-------|
| S01 | 0.0' |
| FILL | 0.280 |

| | | |
|-----------|-------|------|
| 950SS03 | DEPTH | 0.3' |
| LITHOLOGY | FILL | |
| Mercury | 0.086 | |

| | | |
|-----------|-------|------|
| 950SB02 | DEPTH | 0.5' |
| LITHOLOGY | SERP | |
| Mercury | 0.3 | |

6

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Mercury | <0.1 |

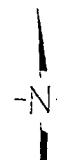
| 949SB04 | | | |
|-----------|---------|---------|---------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Mercury | <0.0590 | <0.0590 | <0.0590 |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Mercury | 0.03 | <0.01 |

| 949SB02 | | | |
|-----------|---------|---------|---------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Mercury | <0.0590 | <0.0680 | <0.0590 |

| 949SB03 | | | |
|-----------|---------|---------|---------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Mercury | <0.0590 | <0.0590 | <0.0590 |

| 949SB01 | | | |
|-----------|---------|---------|---------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Mercury | <0.0590 | <0.0800 | <0.0590 |



0 75 150
FEET



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF MERCURY IN SOIL**

PSF26267

Date: January 1997

Figure 6.5-25

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 1420 | 358 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Nickel | 299 | 261 | 386 | 757 |

| 976SB2 | | | |
|-----------|-------|-------|----|
| DEPTH | 2.3' | 3.8' | 5 |
| LITHOLOGY | BE/DU | BE/DU | BE |
| Nickel | 171 | 2050 | 55 |

| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Nickel | 381 | 563 |

| 979GW05 | |
|-----------|----------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Nickel | 1130.000 |

| 973SS02 | |
|-----------|-------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Nickel | 4.184 |

| 973SS03 | |
|-----------|-------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Nickel | 8.451 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Nickel | 63 | 250 |

| 973SS01 | |
|-----------|-------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Nickel | 9.205 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 30 |

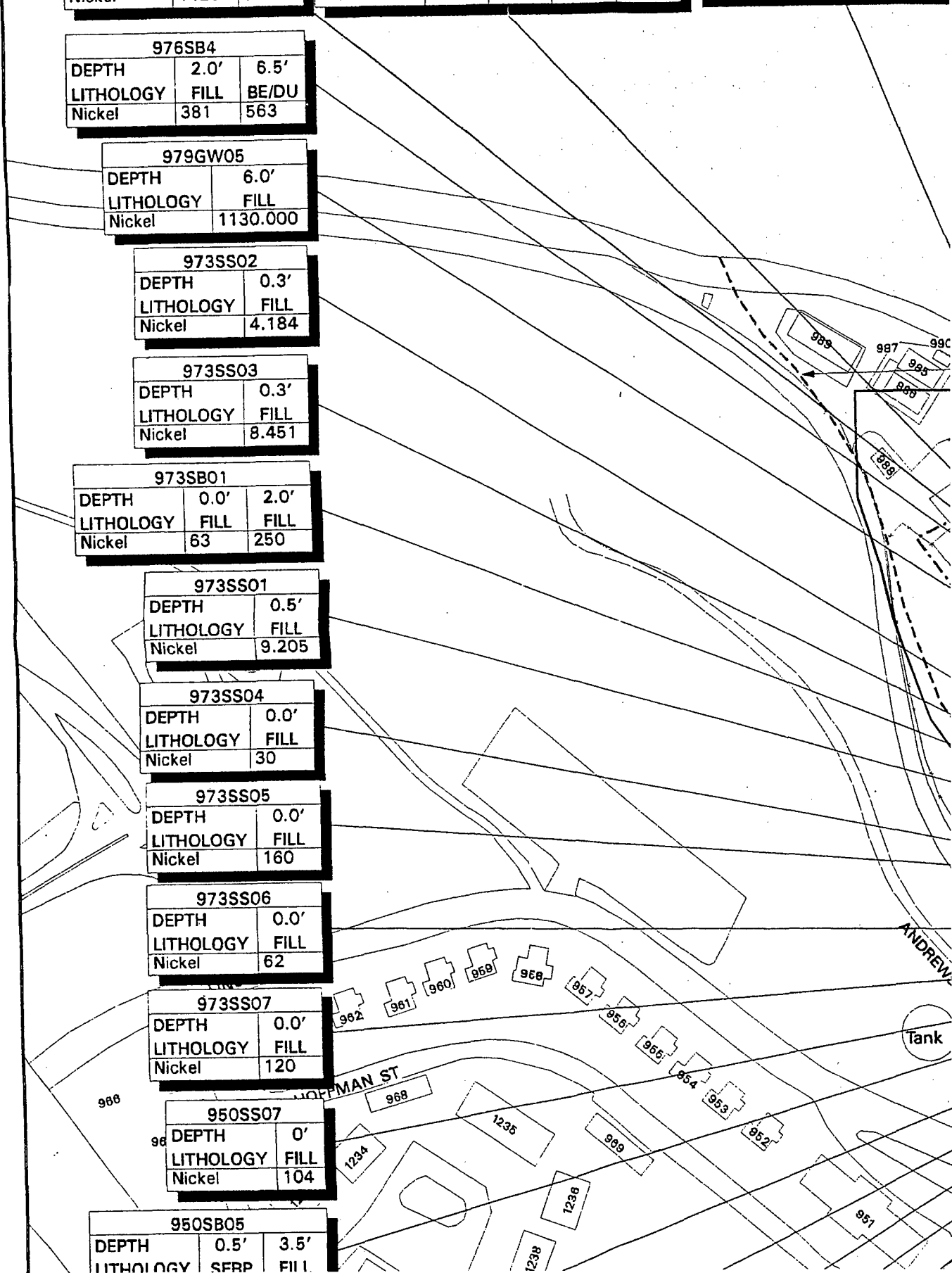
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 160 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 62 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 120 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Nickel | 104 |

| 950SB05 | | |
|-----------|------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SFRP | FILL |



2

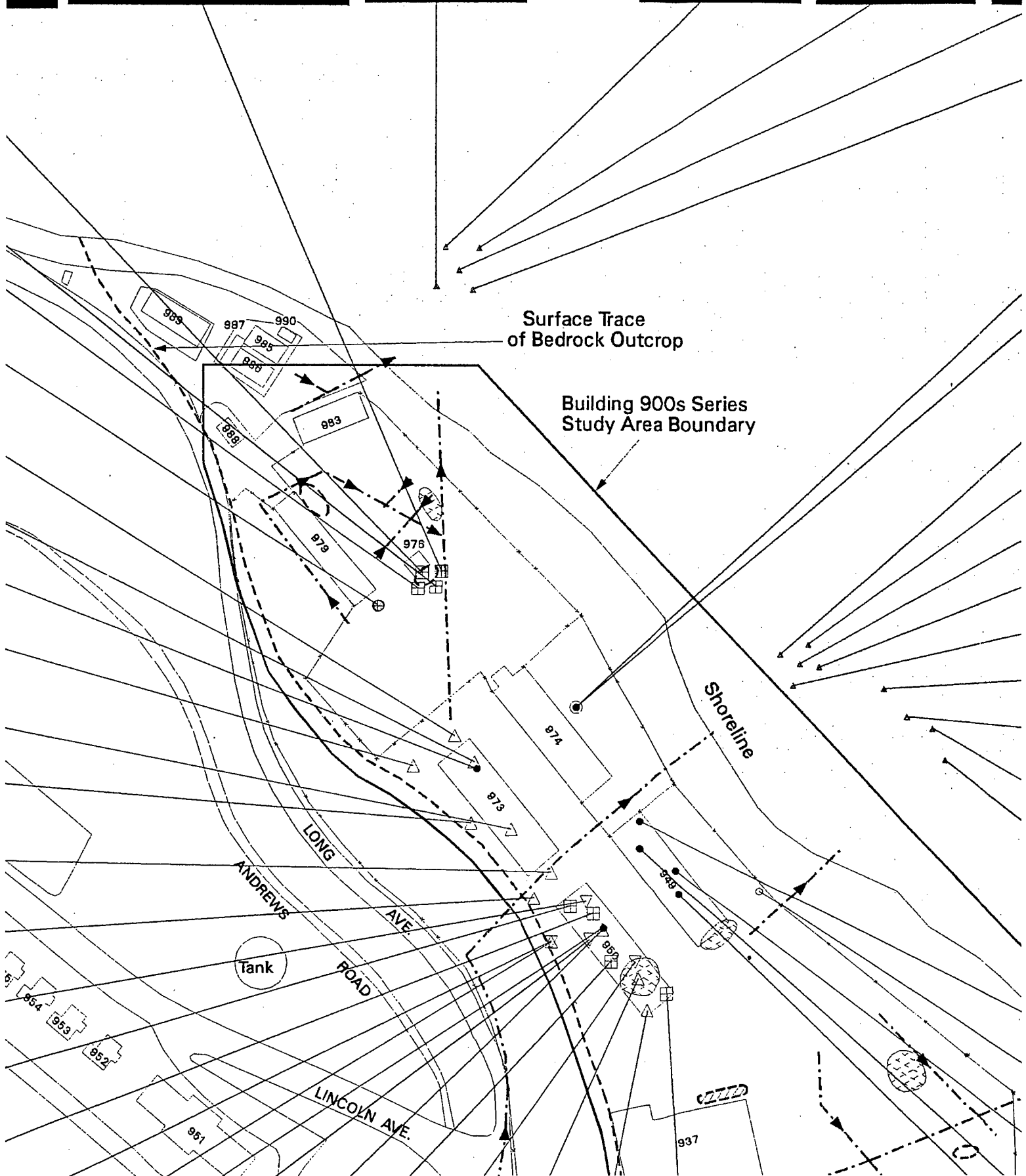
| 976SB2 | | | | |
|-----------|-------|-------|-------|--|
| DEPTH | 2.3' | 3.8' | 5.3' | |
| LITHOLOGY | BE/DU | BE/DU | BE/DU | |
| Nickel | 171 | 2050 | 553 | |

| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 56.8 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 63.2 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 61.1 |

| DEPTH |
|-----------|
| 0.0' |
| LITHOLOGY |
| Nickel |



| OF16SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 40.5 |

| OF16SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 35.8 |

| 979GW07 | |
|-----------|---------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Nickel | 245.000 |

| 979SB01 | |
|-----------|---------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Nickel | 120.000 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 50.7 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 33.9 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 63 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 45 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 30.2 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 37.3 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 39.7 |




| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 35.2 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 32.2 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 80 |

| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊞ MONTGOMERY WATSON SOIL BORING
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- ➔ STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 30 |

| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 160 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 62 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 120 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Nickel | 104 |

| 950SB05 | | |
|-----------|------|------|
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Nickel | 101 | 70.7 |

| 950SB04 | | |
|-----------|------|------|
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Nickel | 84 | 2740 |

| 950SS04MW | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Nickel | 79.8 |

| 950SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Nickel | 1100 |

| 950SB01 | | |
|-----------|----------|---------|
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Nickel | 1060.000 | 667.000 |

| 950SS06 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Nickel | 160 |

| 950SS02 | |
|-----------|---------|
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Nickel | 202.474 |

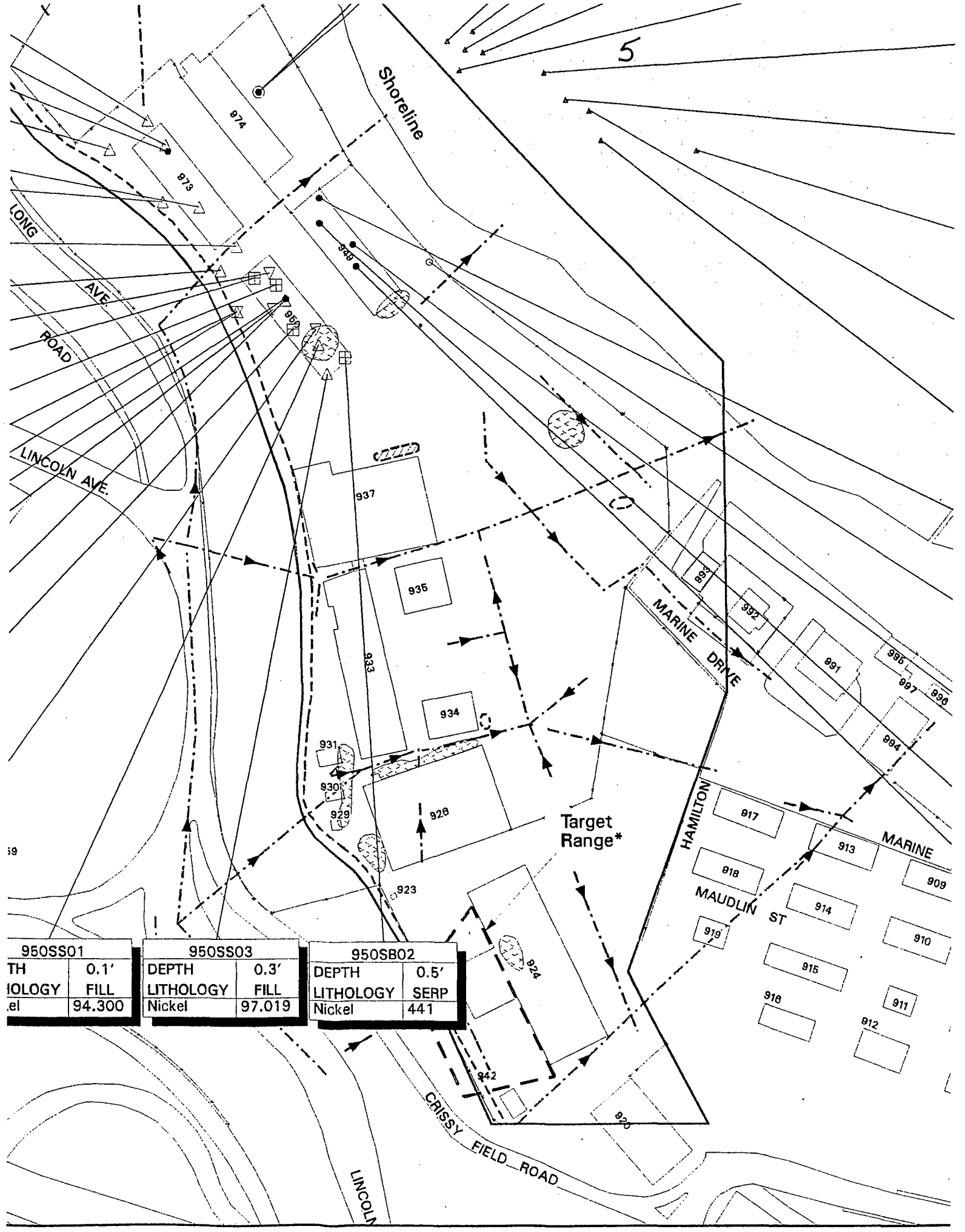
| 950SB03 | |
|-----------|------|
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Nickel | 1790 |

| 950SS05 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Nickel | 96.8 |

| 95C | |
|-----------|--|
| DEPTH | |
| LITHOLOGY | |
| Nickel | |

27 Dec 96 12:04:41 Friday, base_11x17_v3.xml, profile base_B949-79_S_16.gps, PSF

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



| 950SS01 | | 950SS03 | | 950SB02 | |
|---------|--------|-----------|--------|-----------|------|
| TH | 0.1' | DEPTH | 0.3' | DEPTH | 0.5' |
| IOLOGY | FILL | LITHOLOGY | FILL | LITHOLOGY | SERP |
| el | 94.300 | Nickel | 97.019 | Nickel | 441 |

6

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 37.3 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 39.7 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 35.2 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 32.2 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Nickel | 80 |

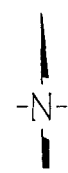
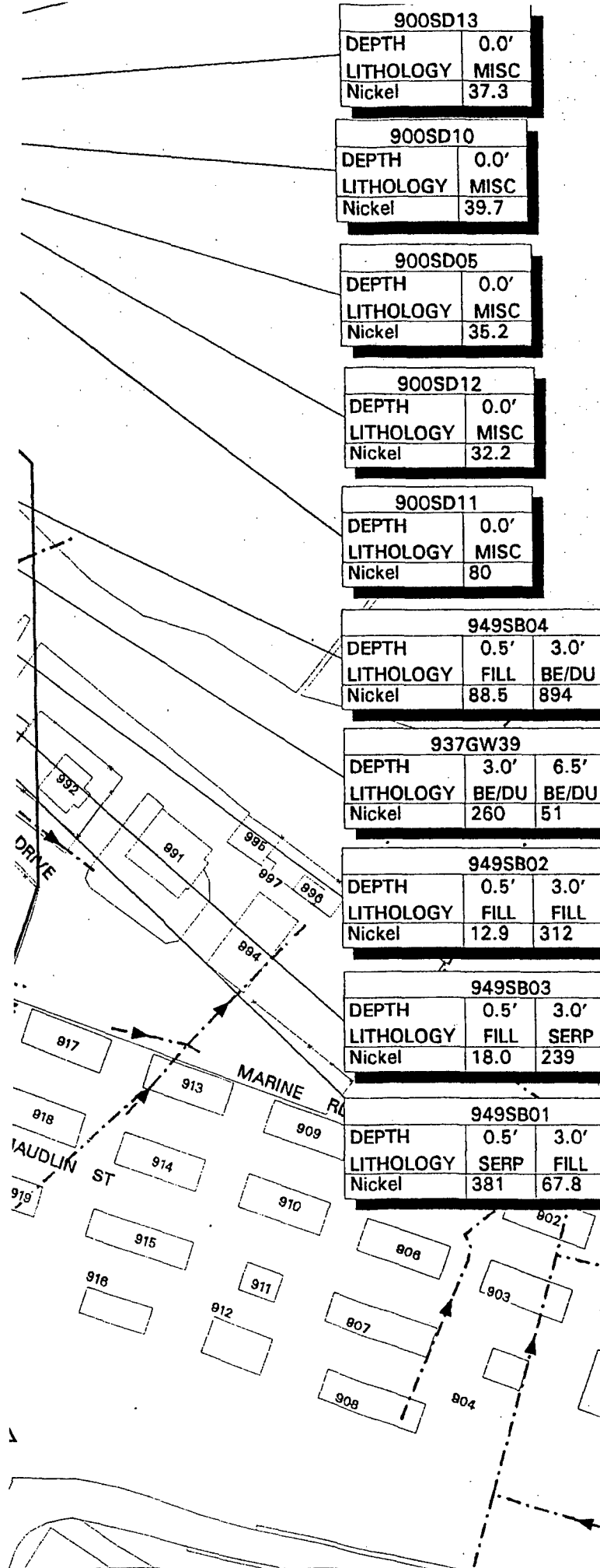
| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Nickel | 88.5 | 894 | 61.8 |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Nickel | 260 | 51 |

| 949SB02 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Nickel | 12.9 | 312 | 28.9 |

| 949SB03 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Nickel | 18.0 | 239 | 133 |

| 949SB01 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Nickel | 381 | 67.8 | 99.4 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF NICKEL IN SOIL**

PSF26269

Date: January 1997

Figure 6.5-26

| OF16SD01 | | | DEP |
|-----------|-------|--|------|
| DEPTH | 0.0' | | LITH |
| LITHOLOGY | MISC | | Thal |
| Thallium | < 0.5 | | |

| 973SS03 | | |
|-----------|----------|--|
| DEPTH | 0.3' | |
| LITHOLOGY | FILL | |
| Thallium | < 34.300 | |

| 979GW05 | | |
|-----------|-----------|--|
| DEPTH | 6.0' | |
| LITHOLOGY | FILL | |
| Thallium | 174.000 k | |

| 973SS02 | | |
|-----------|----------|--|
| DEPTH | 0.3' | |
| LITHOLOGY | FILL | |
| Thallium | < 34.300 | |

| 973SB01 | | | |
|-----------|------|------|--|
| DEPTH | 0.0' | 2.0' | |
| LITHOLOGY | FILL | FILL | |
| Thallium | < 5 | < 5 | |

| 973SS01 | | |
|-----------|----------|--|
| DEPTH | 0.5' | |
| LITHOLOGY | FILL | |
| Thallium | < 34.300 | |

| 973SS04 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Thallium | < 5 | |

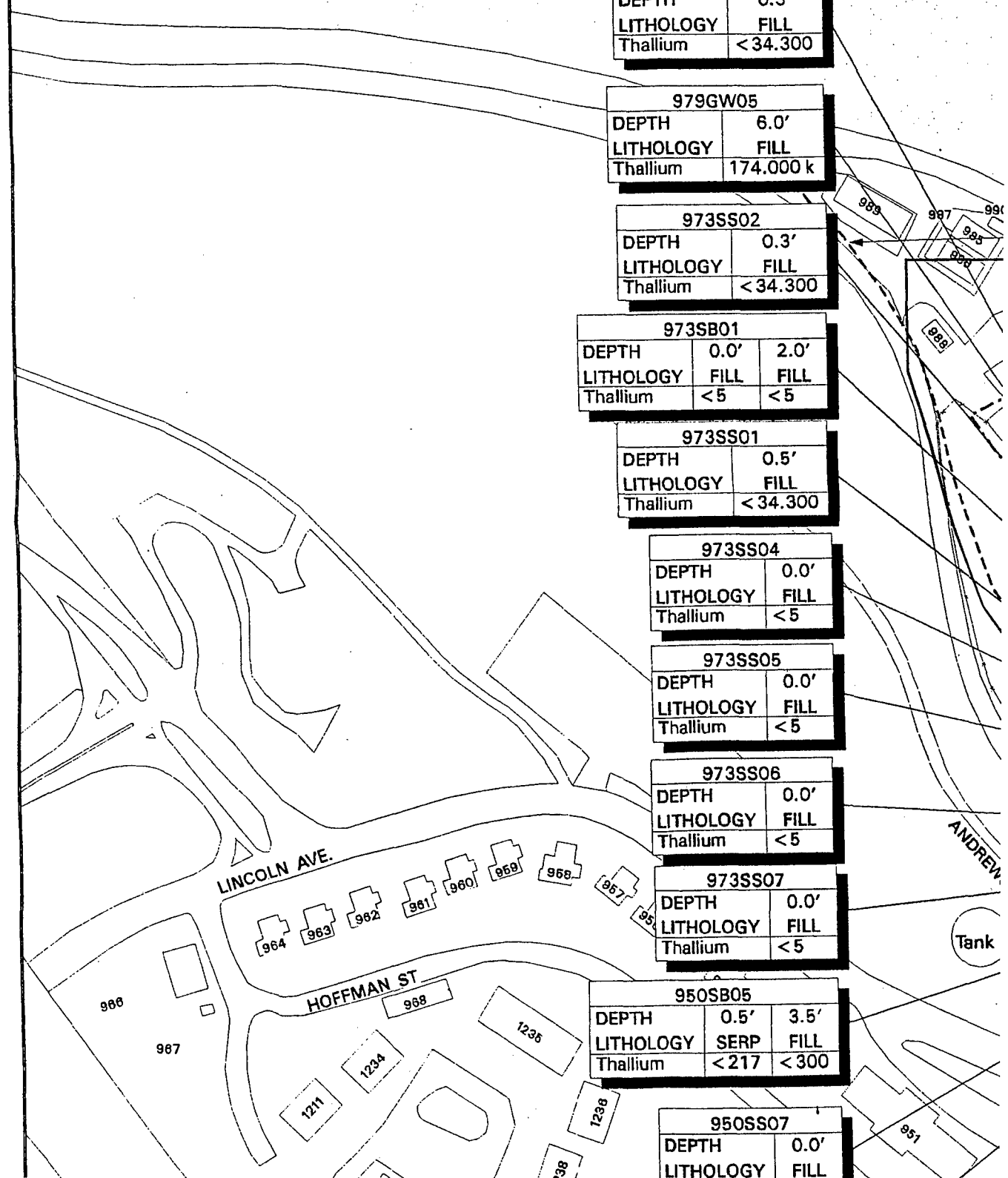
| 973SS05 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Thallium | < 5 | |

| 973SS06 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Thallium | < 5 | |

| 973SS07 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |
| Thallium | < 5 | |

| 950SB05 | | | |
|-----------|-------|-------|--|
| DEPTH | 0.5' | 3.5' | |
| LITHOLOGY | SERP | FILL | |
| Thallium | < 217 | < 300 | |

| 950SS07 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | FILL | |



| OF16SD01 | | OF16SD04 | | OF16SD03 | | OF16SD05 | | OF16SD02 | | 979G |
|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|
| DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 0.0' | DEPTH |
| LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY |
| Thallium | <0.5 | Thallium | <0.5 | Thallium | <0.5 | Thallium | <0.5 | Thallium | <0.5 | Thallium |

| |
|---------|
| IS03 |
| 0.3' |
| FILL |
| <34.300 |

| |
|-----------|
| W05 |
| 6.0' |
| FILL |
| 174.000 k |

| |
|---------|
| IS02 |
| 0.3' |
| FILL |
| <34.300 |

| |
|---------|
| 01 |
| 0' |
| 2.0' |
| LL FILL |
| <5 |

| |
|---------|
| IS01 |
| 0.5' |
| FILL |
| <34.300 |

| |
|---------|
| 3SS04 |
| 0.0' |
| GY FILL |
| <5 |

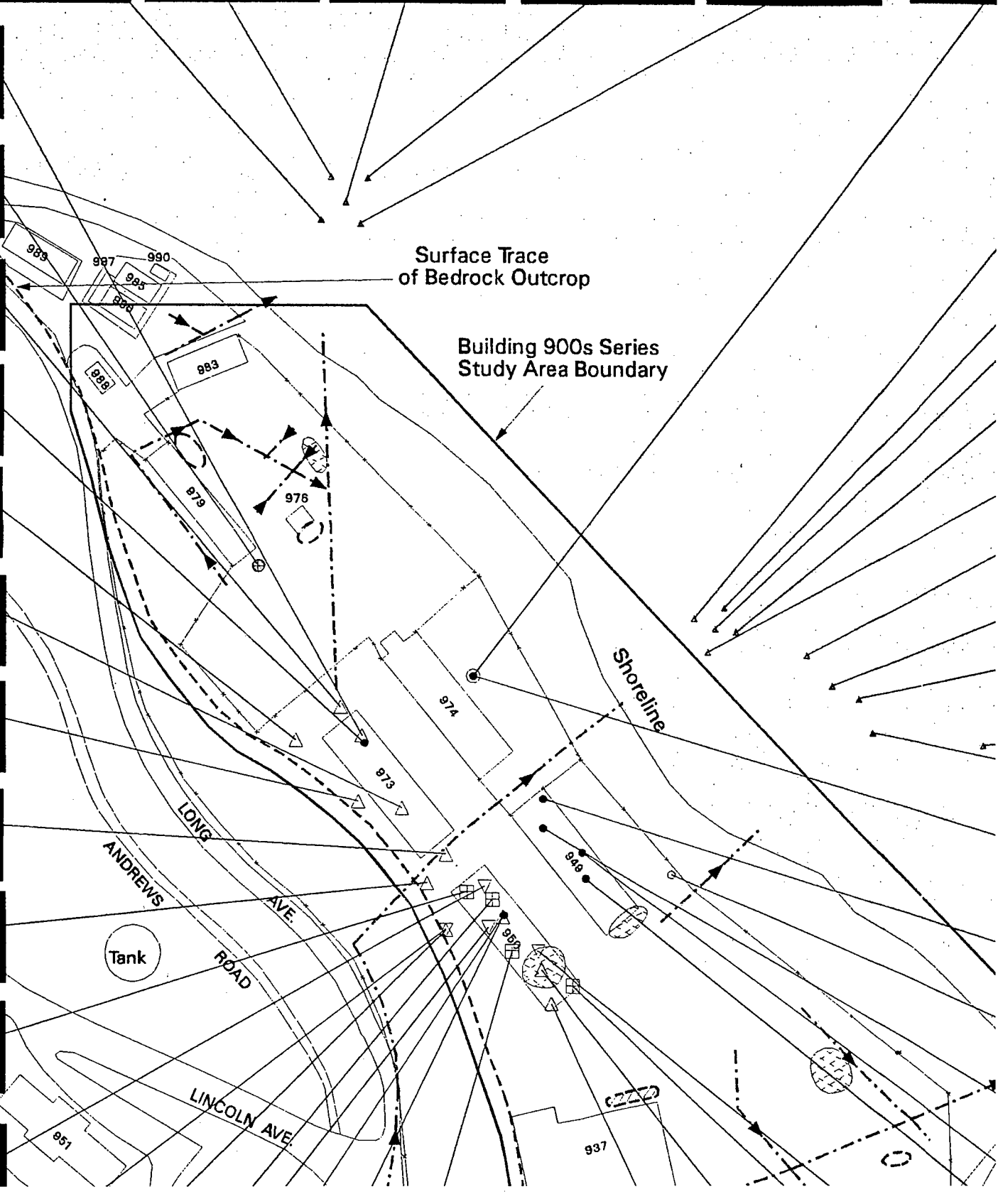
| |
|---------|
| 3SS05 |
| 0.0' |
| GY FILL |
| <5 |

| |
|---------|
| 3SS06 |
| 0.0' |
| GY FILL |
| <5 |




| |
|---------|
| 3SS07 |
| 0.0' |
| GY FILL |
| <5 |

| |
|----------|
| 05 |
| 5' |
| 3.5' |
| ERP FILL |
| 217 <300 |

| |
|---------|
| 0SS07 |
| 0.0' |
| GY FILL |



EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
- △ SURFACE SOIL SAMPLE
- ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
- SOIL BORING
- ⊞ MONTGOMERY WATSON SOIL BORING
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
- > STORM DRAIN WITH FLOW DIRECTION
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 979GW07 | | |
|-----------|----------|--|
| DEPTH | 6.7' | |
| LITHOLOGY | BE/DU | |
| Thallium | 66.800 k | |

| OF15SD01 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| OF15SD04 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| OF15SD03 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| OF15SD05 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| OF15SD02 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| 900SD13 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| 900SD10 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| 900SD12 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| 900SD05 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| 900SD11 | | |
|-----------|------|--|
| DEPTH | 0.0' | |
| LITHOLOGY | MISC | |
| Thallium | <0.5 | |

| 979SB01 | | |
|-----------|----------|--|
| DEPTH | 6.7' | |
| LITHOLOGY | BE/DU | |
| Thallium | 52.900 k | |

| 949SB04 | | | | |
|-----------|--------|--------|--------|--|
| DEPTH | 0.5' | 3.0' | 5.0' | |
| LITHOLOGY | FILL | BE/DU | BE/DU | |
| Thallium | <0.162 | <0.162 | <0.162 | |

| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Thallium | <5 | <5 |

26 Dec 96 12:56:41 Thursday, base_11x17_v3.xml, profile base_ B949-77_5_19.gra, PDF

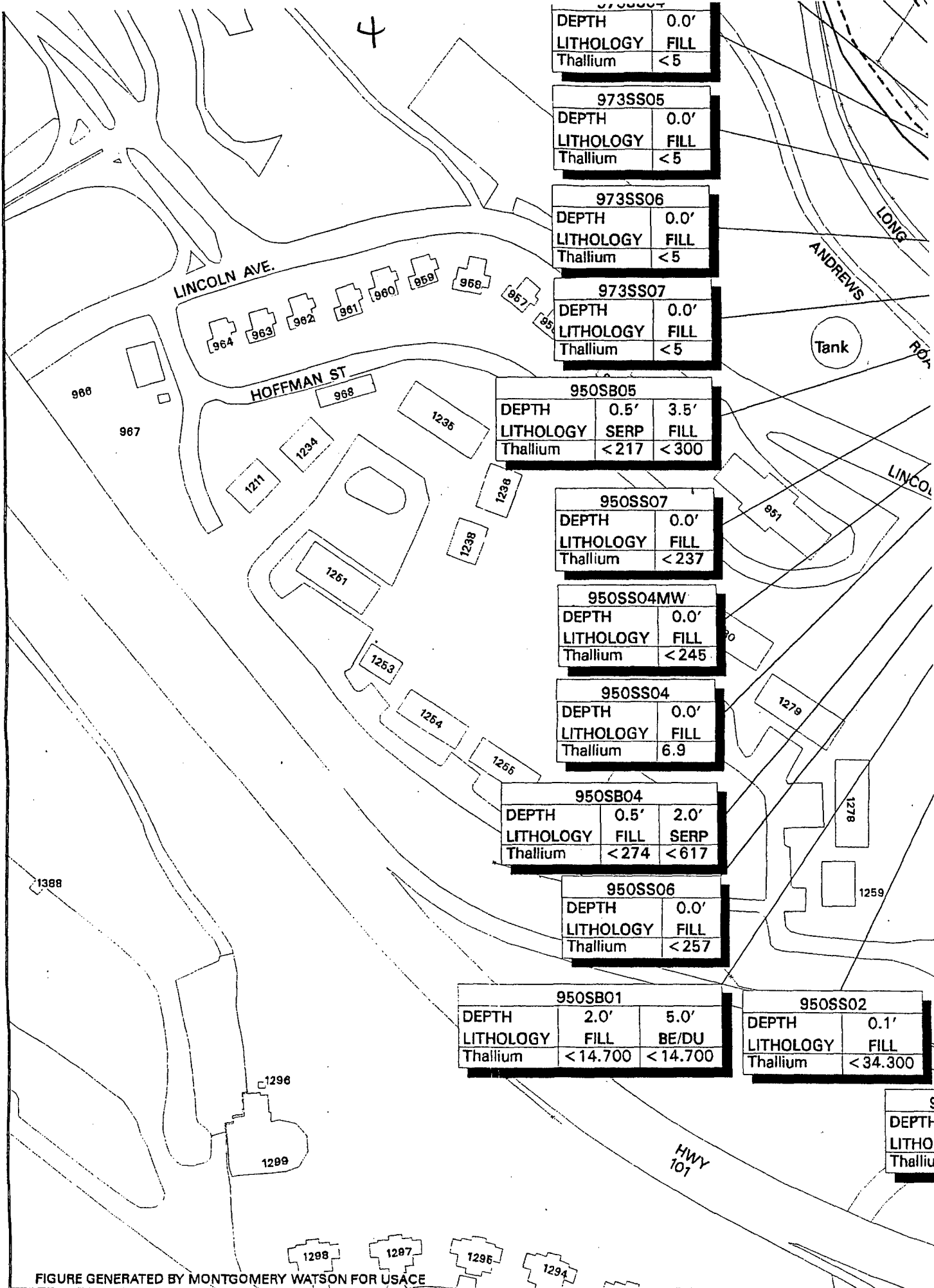
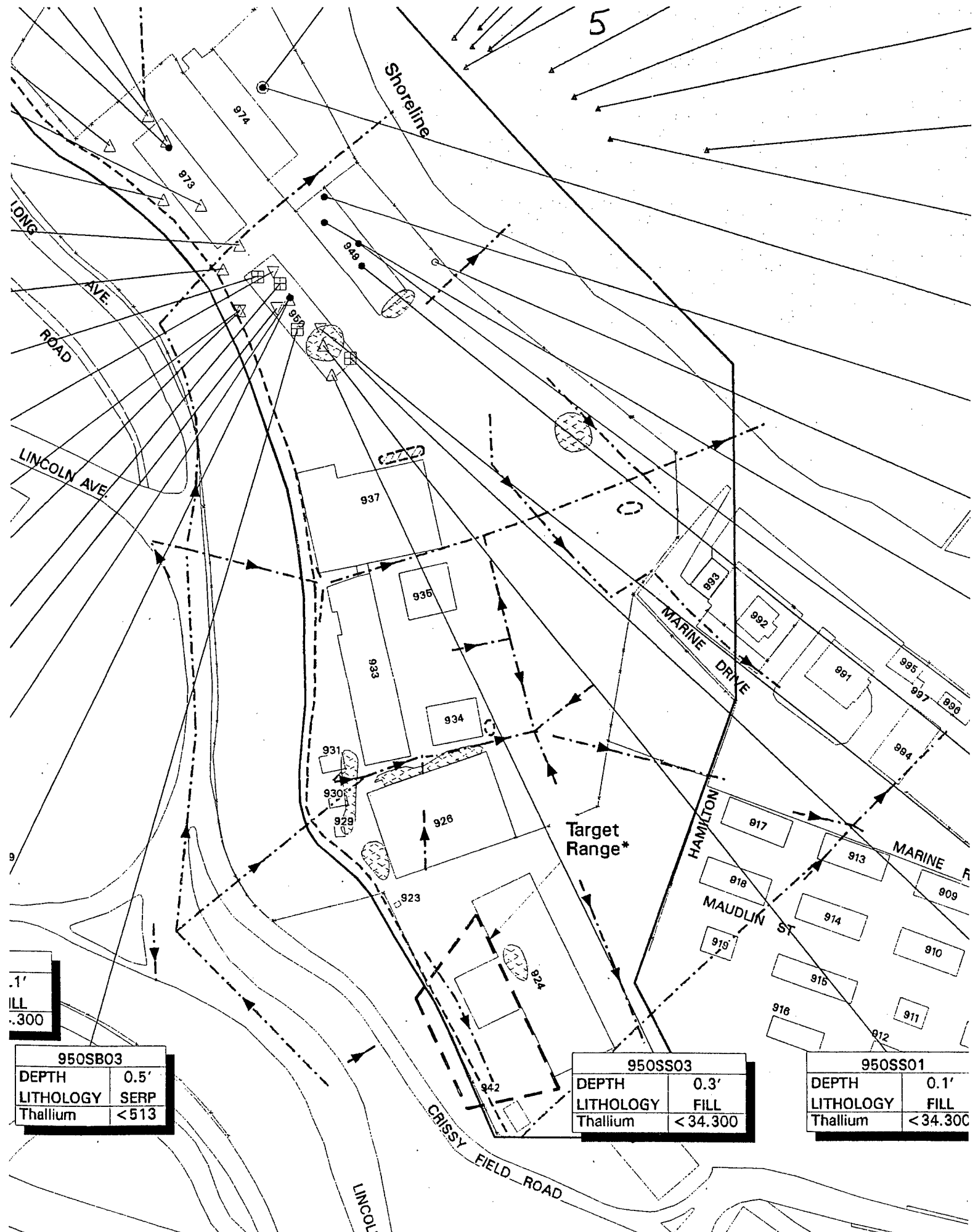


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE



0.1'
ILL
0.300

| 950SB03 | | | |
|-----------|------|--|--|
| DEPTH | 0.5' | | |
| LITHOLOGY | SERP | | |
| Thallium | <513 | | |

| 950SS03 | | | |
|-----------|---------|--|--|
| DEPTH | 0.3' | | |
| LITHOLOGY | FILL | | |
| Thallium | <34.300 | | |

| 950SS01 | | | |
|-----------|---------|--|--|
| DEPTH | 0.1' | | |
| LITHOLOGY | FILL | | |
| Thallium | <34.300 | | |

6

| | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Thallium | <0.5 |

| | |
|-----------|------|
| 900SD05 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Thallium | <0.5 |

| | |
|-----------|------|
| 900SD11 | |
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Thallium | <0.5 |

| | |
|-----------|----------|
| 979SB01 | |
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Thallium | 52.900 k |

| | | | |
|-----------|--------|--------|--------|
| 949SB04 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Thallium | <0.162 | <0.162 | <0.162 |

| | | |
|-----------|-------|-------|
| 937GW39 | | |
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Thallium | <5 | <5 |

| | | | |
|-----------|--------|--------|--------|
| 949SB03 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Thallium | <0.162 | <0.162 | <0.162 |

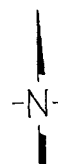
| | | | |
|-----------|--------|--------|--------|
| 949SB02 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Thallium | <0.162 | <0.162 | <0.162 |

| | | | |
|-----------|--------|--------|--------|
| 949SB01 | | | |
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Thallium | <0.162 | <0.162 | <0.162 |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Thallium | <243 |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Thallium | <215 |

| | |
|-----------|---------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Thallium | <34.300 |



DAMES & MOORE

BUILDING 900S SERIES STUDY AREA STORAGE AREA AND BUILDING 979 CONCENTRATIONS OF THALLIUM IN SOIL

PSF26288

Date: January 1997

Figure 6.5-27

| 976SB3 | | |
|-----------|-------|-------|
| DEPTH | 3.5' | 6.0' |
| LITHOLOGY | BE/DU | BE/DU |
| Zinc | 20.8 | 11.9 |

| 976SB1 | | | | |
|-----------|-------|------|-------|-------|
| DEPTH | 2.0' | 3.8' | 5.3' | 6.5' |
| LITHOLOGY | BE/DU | FILL | BE/DU | BE/DU |
| Zinc | 71.0 | 101 | 13.4 | 16.6 |

| 976SB2 | | | |
|-----------|-------|-------|-----|
| DEPTH | 2.3' | 3.8' | 5. |
| LITHOLOGY | BE/DU | BE/DU | BE/ |
| Zinc | 71.4 | 19.7 | 13. |

| 976SB4 | | |
|-----------|------|-------|
| DEPTH | 2.0' | 6.5' |
| LITHOLOGY | FILL | BE/DU |
| Zinc | 36.0 | 29.8 |

| 979GW05 | |
|-----------|--------|
| DEPTH | 6.0' |
| LITHOLOGY | FILL |
| Zinc | 42.800 |

| 973SS02 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Zinc | 107.368 |

| 973SS03 | |
|-----------|---------|
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Zinc | 221.583 |

| 973SB01 | | |
|-----------|------|------|
| DEPTH | 0.0' | 2.0' |
| LITHOLOGY | FILL | FILL |
| Zinc | 79 | 78 |

| 973SS01 | |
|-----------|---------|
| DEPTH | 0.5' |
| LITHOLOGY | FILL |
| Zinc | 155.371 |

| 973SS04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 240 |

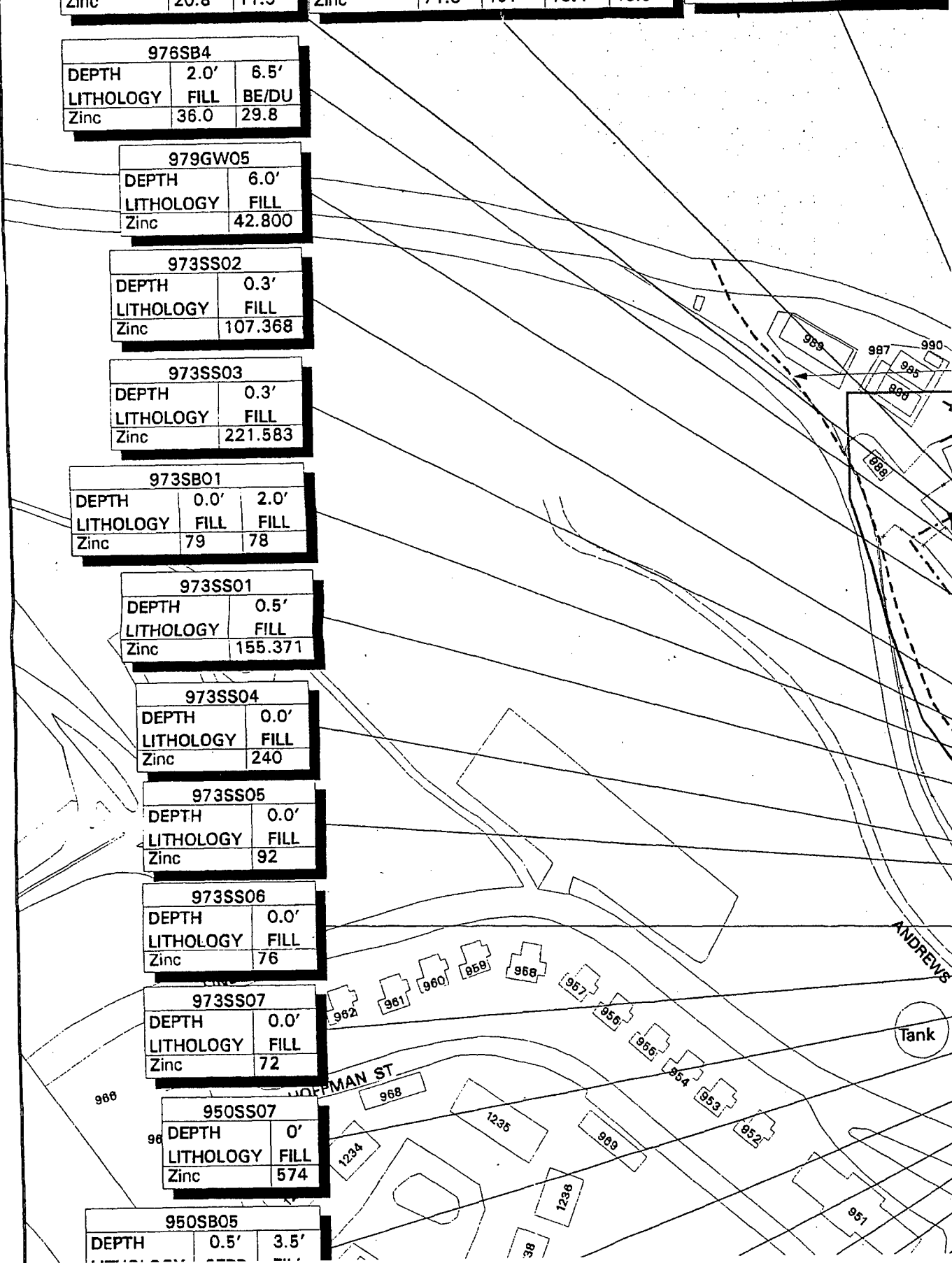
| 973SS05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 92 |

| 973SS06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 76 |

| 973SS07 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 72 |

| 950SS07 | |
|-----------|------|
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Zinc | 574 |

| 950SB05 | | |
|---------|------|------|
| DEPTH | 0.5' | 3.5' |



2

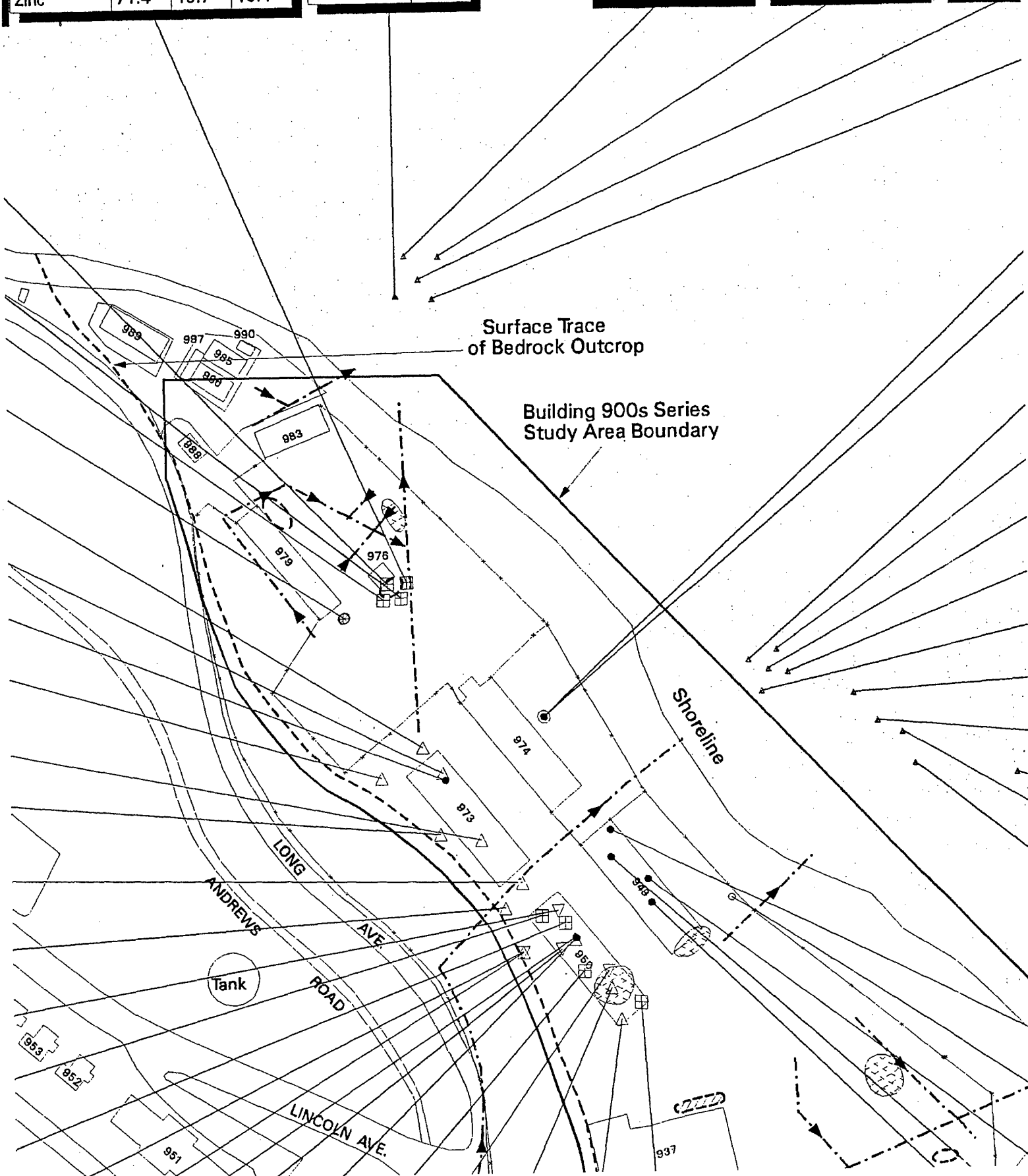
| 976SB2 | | | |
|-----------|-------|-------|-------|
| DEPTH | 2.3' | 3.8' | 5.3' |
| LITHOLOGY | BE/DU | BE/DU | BE/DU |
| Zinc | 71.4 | 19.7 | 13.4 |

| OF16SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 26.2 |

| OF16SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 32.7 |

| OF16SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 32 |

| OF16SD06 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 32 |



| OF16SD03 | | OF16SD02 | | 979GW07 | |
|-----------|------|-----------|------|-----------|----------|
| DEPTH | 0.0' | DEPTH | 0.0' | DEPTH | 6.7' |
| LITHOLOGY | MISC | LITHOLOGY | MISC | LITHOLOGY | BE/DU |
| Zinc | 25.6 | Zinc | 29.9 | Zinc | 47.900 f |

| 979SB01 | |
|-----------|--------|
| DEPTH | 6.7' |
| LITHOLOGY | BE/DU |
| Zinc | 35.300 |

| OF15SD01 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 32.9 |

| OF15SD04 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22.8 |

| OF15SD03 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 34.9 |

| OF15SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 30.7 |

| OF15SD02 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 20.5 |

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 26 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 27.8 |





| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 31.9 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22 |

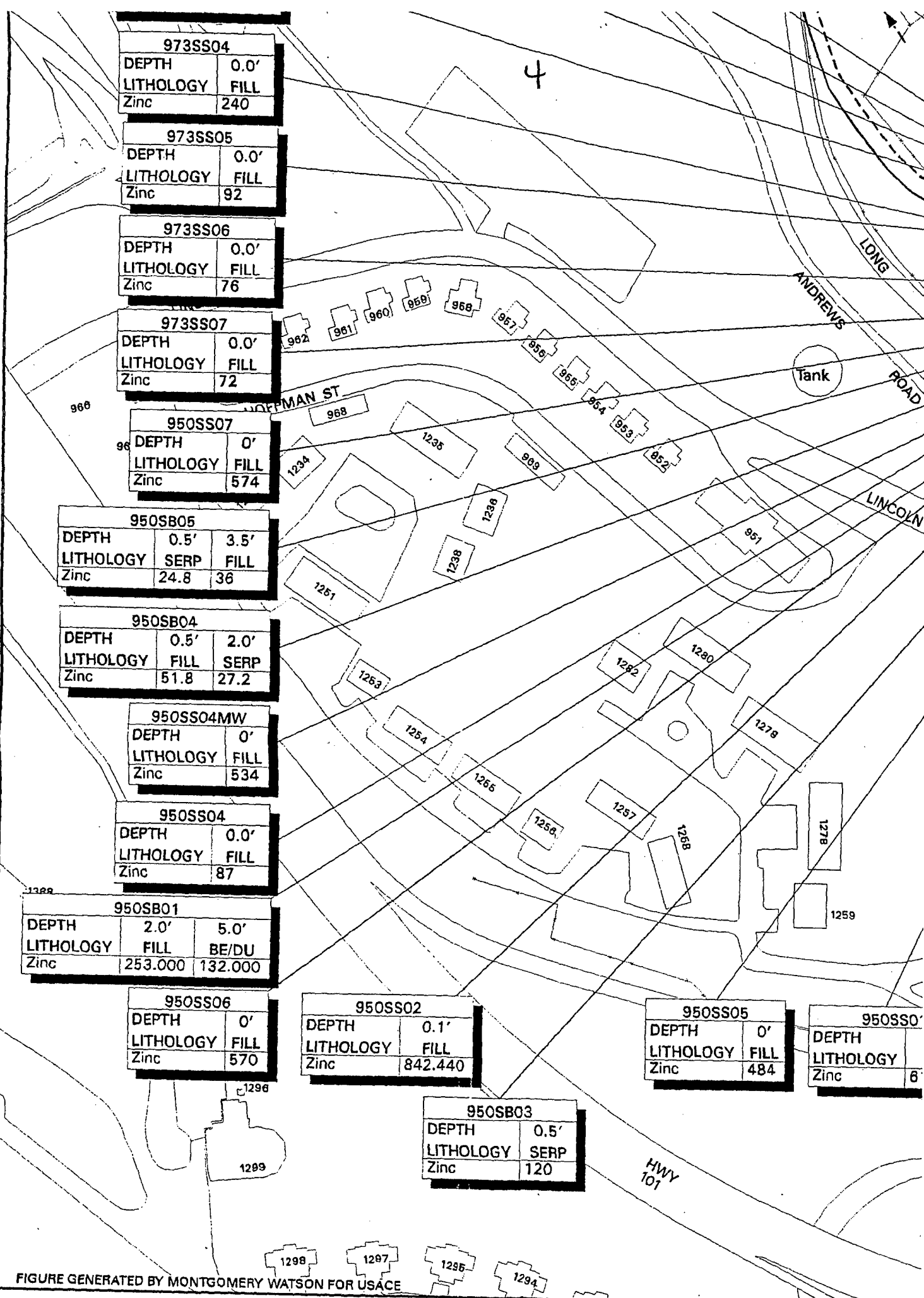
| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 31.3 |

| 949SB04 | | | |
|---------|------|------|------|
| DEPTH | 0.5' | 3.0' | 5.0' |

EXPLANATION

- ▲ ESAP SEDIMENT SAMPLE
 - △ SURFACE SOIL SAMPLE
 - ▽ MONTGOMERY WATSON SURFACE SOIL SAMPLE
 - SOIL BORING
 - ⊞ MONTGOMERY WATSON SOIL BORING
 - SHALLOW MONITORING WELL WITH SOIL SAMPLES
 - ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
 -  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
 -  APPROXIMATE LOCATIONS OF FORMER USTs
 -  STORM DRAIN WITH FLOW DIRECTION
 -  STAINED AREAS
- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/g}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay



| | |
|-----------|------|
| 973SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 240 |

| | |
|-----------|------|
| 973SS05 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 92 |

| | |
|-----------|------|
| 973SS06 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 76 |

| | |
|-----------|------|
| 973SS07 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 72 |

| | |
|-----------|------|
| 950SS07 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Zinc | 574 |

| | | |
|-----------|------|------|
| 950SB05 | | |
| DEPTH | 0.5' | 3.5' |
| LITHOLOGY | SERP | FILL |
| Zinc | 24.8 | 36 |

| | | |
|-----------|------|------|
| 950SB04 | | |
| DEPTH | 0.5' | 2.0' |
| LITHOLOGY | FILL | SERP |
| Zinc | 51.8 | 27.2 |

| | |
|-----------|------|
| 950SS04MW | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Zinc | 534 |

| | |
|-----------|------|
| 950SS04 | |
| DEPTH | 0.0' |
| LITHOLOGY | FILL |
| Zinc | 87 |

| | | |
|-----------|---------|---------|
| 950SB01 | | |
| DEPTH | 2.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU |
| Zinc | 253.000 | 132.000 |

| | |
|-----------|------|
| 950SS06 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Zinc | 570 |

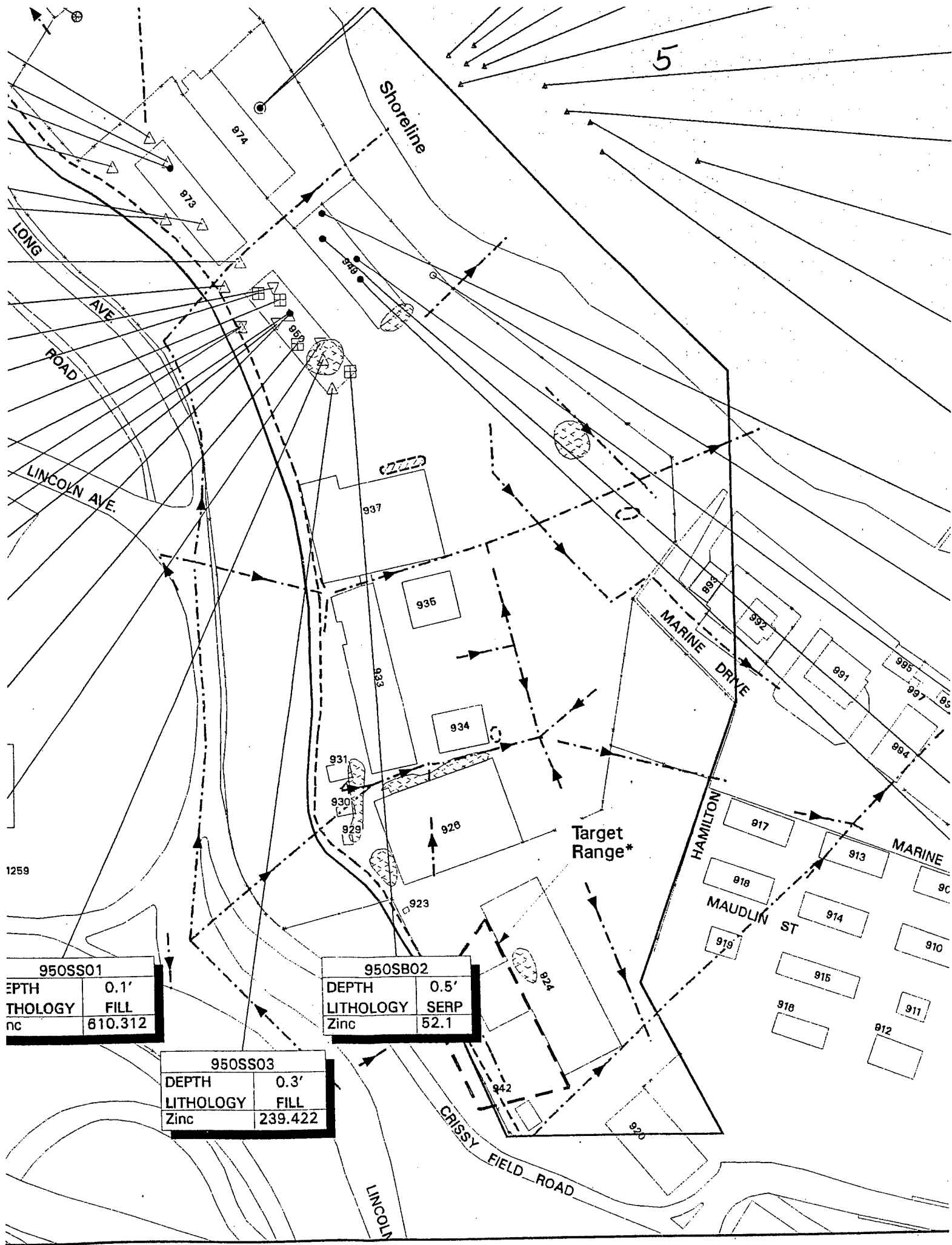
| | |
|-----------|---------|
| 950SS02 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Zinc | 842.440 |

| | |
|-----------|------|
| 950SS05 | |
| DEPTH | 0' |
| LITHOLOGY | FILL |
| Zinc | 484 |

| | |
|-----------|---|
| 950SS0 | |
| DEPTH | |
| LITHOLOGY | |
| Zinc | 6 |

| | |
|-----------|------|
| 950SB03 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Zinc | 120 |

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| | |
|-----------|---------|
| 950SS01 | |
| DEPTH | 0.1' |
| LITHOLOGY | FILL |
| Zinc | 610.312 |

| | |
|-----------|------|
| 950SB02 | |
| DEPTH | 0.5' |
| LITHOLOGY | SERP |
| Zinc | 52.1 |

| | |
|-----------|---------|
| 950SS03 | |
| DEPTH | 0.3' |
| LITHOLOGY | FILL |
| Zinc | 239.422 |

6

| 900SD13 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 26 |

| 900SD10 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 27.8 |

| 900SD05 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 31.9 |

| 900SD12 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 22 |

| 900SD11 | |
|-----------|------|
| DEPTH | 0.0' |
| LITHOLOGY | MISC |
| Zinc | 31.3 |

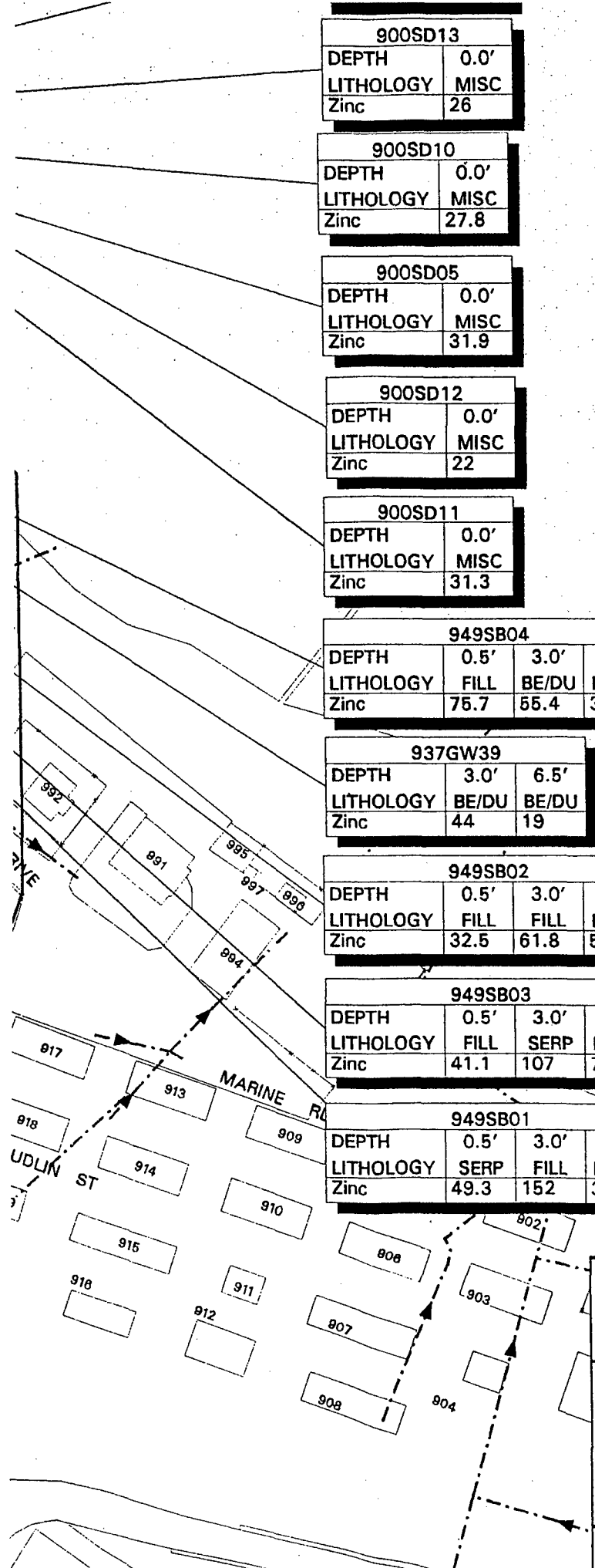
| 949SB04 | | | |
|-----------|------|-------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | BE/DU | BE/DU |
| Zinc | 75.7 | 55.4 | 30.2 |


| 937GW39 | | |
|-----------|-------|-------|
| DEPTH | 3.0' | 6.5' |
| LITHOLOGY | BE/DU | BE/DU |
| Zinc | 44 | 19 |

| 949SB02 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | FILL | BE/DU |
| Zinc | 32.5 | 61.8 | 58.3 |

| 949SB03 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | FILL | SERP | BE/DU |
| Zinc | 41.1 | 107 | 78.0 |

| 949SB01 | | | |
|-----------|------|------|-------|
| DEPTH | 0.5' | 3.0' | 5.0' |
| LITHOLOGY | SERP | FILL | BE/DU |
| Zinc | 49.3 | 152 | 30.4 |





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**BUILDING 900S SERIES STUDY AREA
STORAGE AREA AND BUILDING 979
CONCENTRATIONS OF ZINC IN SOIL**

PSF26274

Date: January 1997
Figure 6.5-28

| 979GW03 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | NA | 62.0 | 220 |
| Aluminum (F) | < 141.000 | < 25.0 | < 100 |

| 979GW04 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | 3090.000 | 1220 a | 370 |
| Aluminum (F) | < 141.000 | < 25.0 | < 100 |

| 979GW02 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | NA | 125 | < 480 U4 |
| Aluminum (F) | < 141.000 | < 25.0 | < 100 |

| 979GW01 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | < 141.000 | 141 | 270 |
| Aluminum (F) | < 141.000 | < 25.0 | < 100 |

| 937GW34R | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | < 100 | < 100 | |
| Aluminum (F) | < 100 | < 100 | |

| 937GW22 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | < 112.000 | 25500 | 7050 |
| Aluminum (F) | NA | < 100 | < 100 |

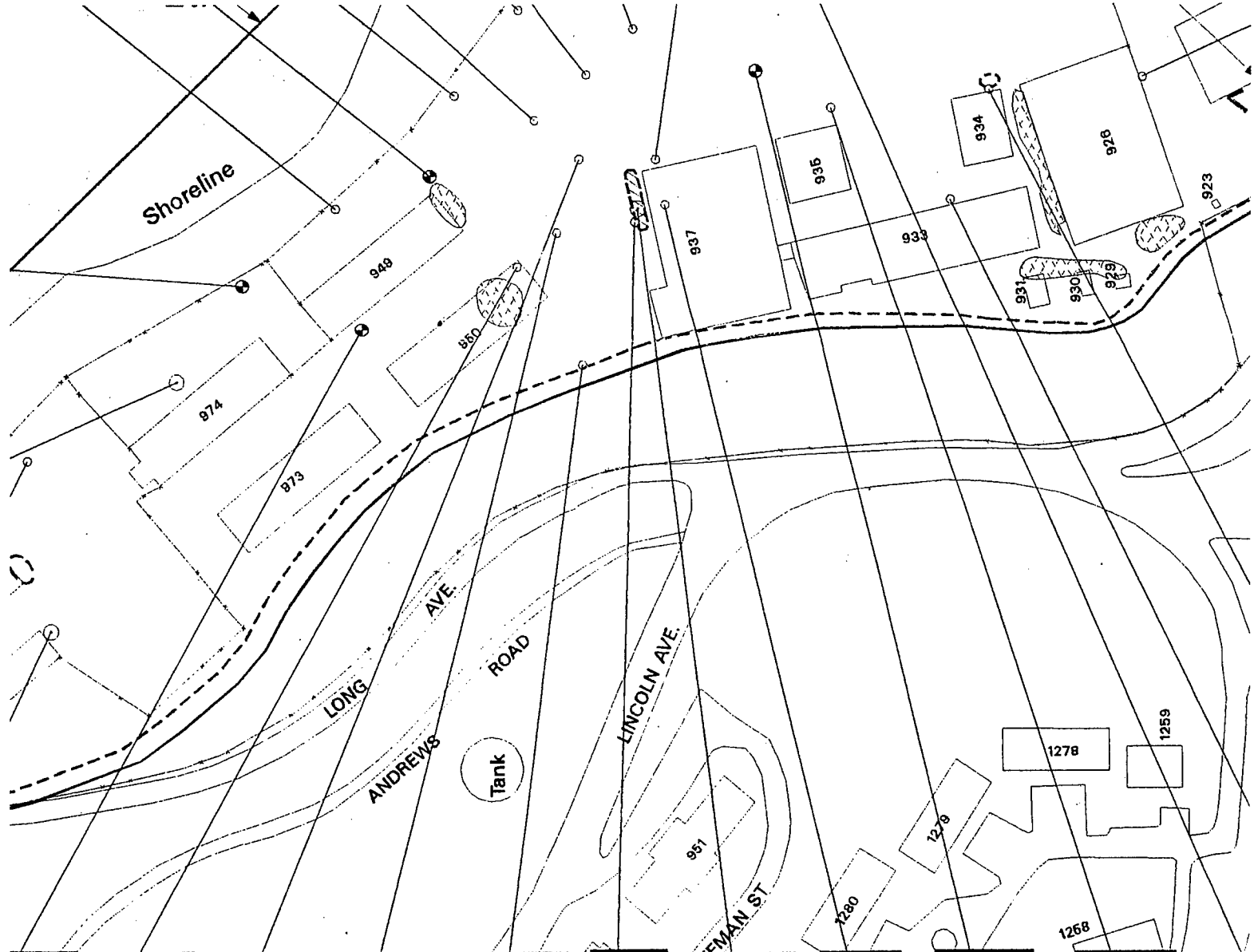
| 979GW07 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | NA | < 25.0 | 290 |
| Aluminum (F) | < 141.000 | < 25.0 | < 100 |

| 937GW35 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | < 100 | < 100 | |
| Aluminum (F) | < 100 | < 100 | |

Surface Trace
of Bedrock Outcrop

San Francisco

Shr



| | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | < 100 | < 100 |
| Aluminum (F) | < 100 | < 100 |

| | | |
|--------------|------------|--------------|
| 937GW22 | | |
| Analyte | Initial RI | Jan 1996 Qtr |
| Aluminum | < 112.000 | 7050 |
| Aluminum (F) | NA | < 100 |

| | | |
|--------------|--------------|--|
| 937UVB01M1- | | |
| Analyte | Jan 1996 Qtr | |
| Aluminum | 3140 | |
| Aluminum (F) | < 100 | |

| | | |
|--------------|--------------|--------------|
| 937GW28 | | |
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 1100 | 267 |
| Aluminum (F) | < 100 | < 100 |

| | | |
|--------------|--------------|--------------|
| 937GW01 | | |
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 13100 | 5340 |
| Aluminum (F) | < 100 | < 100 |

| | | |
|----------|------------|------------|
| 937GW11 | | |
| Analyte | Initial RI | Initial RI |
| Aluminum | 12373.226 | |

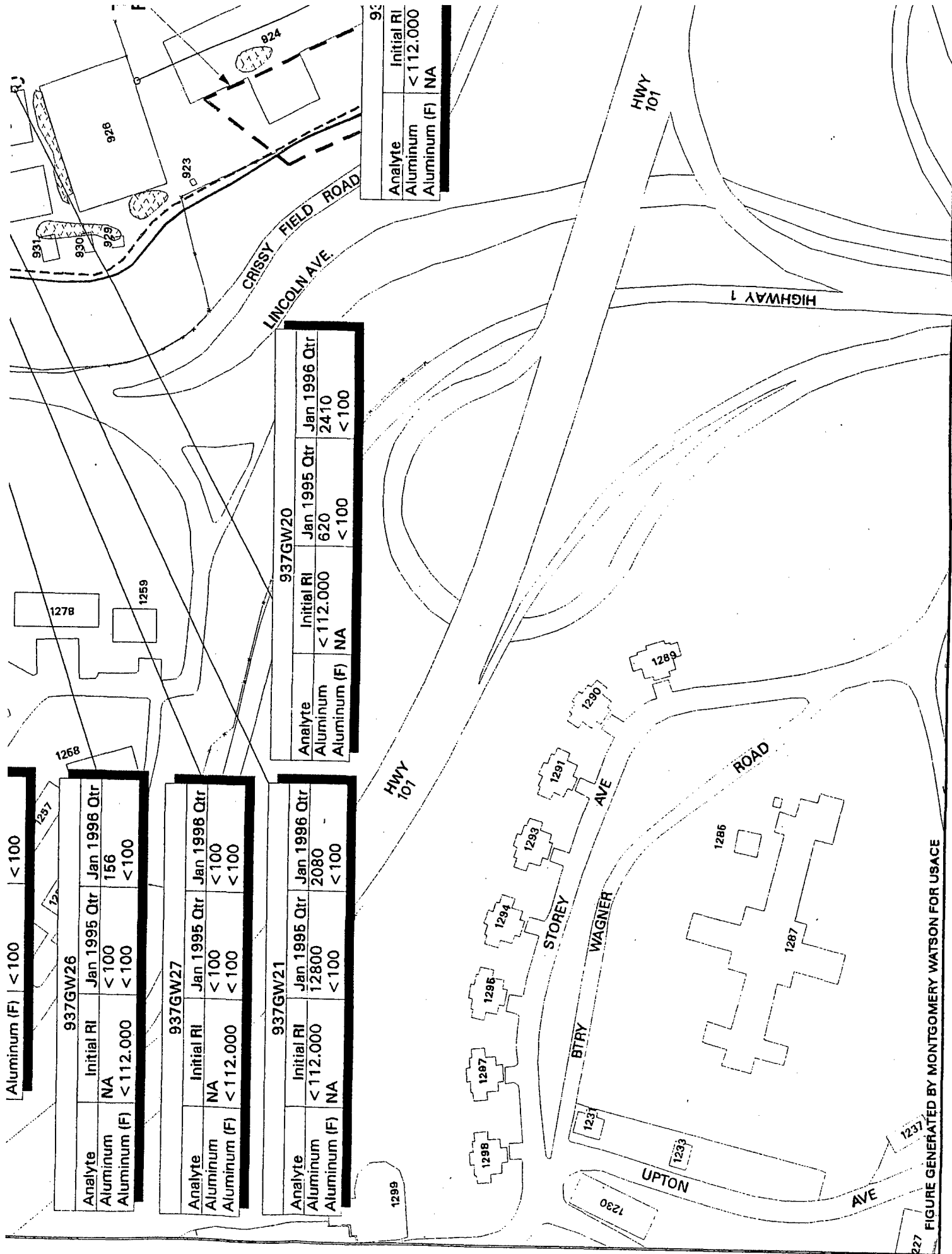
| | | |
|--------------|-----------|--------------|
| 937GW36 | | |
| Analyte | Suppl. RI | Jan 1996 Qtr |
| Aluminum | < 100 | < 100 |
| Aluminum (F) | 15000 | < 100 |

| | | |
|----------|------------|------------|
| 937GW02 | | |
| Analyte | Initial RI | Initial RI |
| Aluminum | 37018.254 | |

| | | |
|--------------|--------------|--------------|
| 937GW12 | | |
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 5000 J9 | 1960 |
| Aluminum (F) | < 100 | < 100 |

| | | |
|--------------|------------|--------------|
| 937GW26 | | |
| Analyte | Initial RI | Jan 1996 Qtr |
| Aluminum | NA | 156 |
| Aluminum (F) | < 112.000 | < 100 |

| | | |
|--------------|------------|--------------|
| 937GW27 | | |
| Analyte | Initial RI | Jan 1996 Qtr |
| Aluminum | NA | 156 |
| Aluminum (F) | < 112.000 | < 100 |



Aluminum (F) | < 100 | < 100

| 937GW26 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | NA | < 100 | 156 | |
| Aluminum (F) | < 112.000 | < 100 | < 100 | |

| 937GW27 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | NA | < 100 | < 100 | |
| Aluminum (F) | < 112.000 | < 100 | < 100 | |

| 937GW21 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | < 112.000 | 12800 | 2080 | |
| Aluminum (F) | NA | < 100 | < 100 | |

| 937GW20 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | < 112.000 | 620 | 2410 | |
| Aluminum (F) | NA | < 100 | < 100 | |

| 937GW20 | | |
|--------------|------------|--|
| Analyte | Initial RI | |
| Aluminum | < 112.000 | |
| Aluminum (F) | NA | |

EXPLANATION

- SHALLOW MONITORING WELL
- ⊕ MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES

APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA

APPROXIMATE LOCATIONS OF FORMER USTs

STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW35 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Aluminum | 290 |
| Aluminum (F) | < 100 |

crop

| 937GW35 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Aluminum | < 100 | < 100 | |
| Aluminum (F) | < 100 | < 100 | |

San Francisco Bay

| 937GW23 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | NA | < 100 | < 100 |
| Aluminum (F) | < 112.000 | < 100 | < 100 |

| 937GW33 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 350 | < 100 |
| Aluminum (F) | < 100 | < 100 |

| 937GW10 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | < 112.000 | 410 | 2430 |
| Aluminum (F) | NA | < 100 | < 400 |

| 937GW06 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | < 112.000 | 160 | 1190 |
| Aluminum (F) | NA | < 100 | < 100 |

937/GW10

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 410 | 2430 |
| Aluminum (F) | NA | <100 | <400 |

937GW08

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 160 | 1190 |
| Aluminum (F) | NA | <100 | <100 |

937GW24

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | NA | <100 | 407 |
| Aluminum (F) | <112.000 | <100 | <400 |

937GW05

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 4000 | 479 |
| Aluminum (F) | NA | <100 | <100 |

937GW08

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | <500 | 331 |
| Aluminum (F) | NA | <500 | <100 |

937GW04

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 490 | 1100 |
| Aluminum (F) | NA | <100 | <100 |

937GW07

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 1800 | 1670 |
| Aluminum (F) | NA | <500 | <100 |

937GW03

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 590 | 144 |
| Aluminum (F) | NA | <100 | <100 |

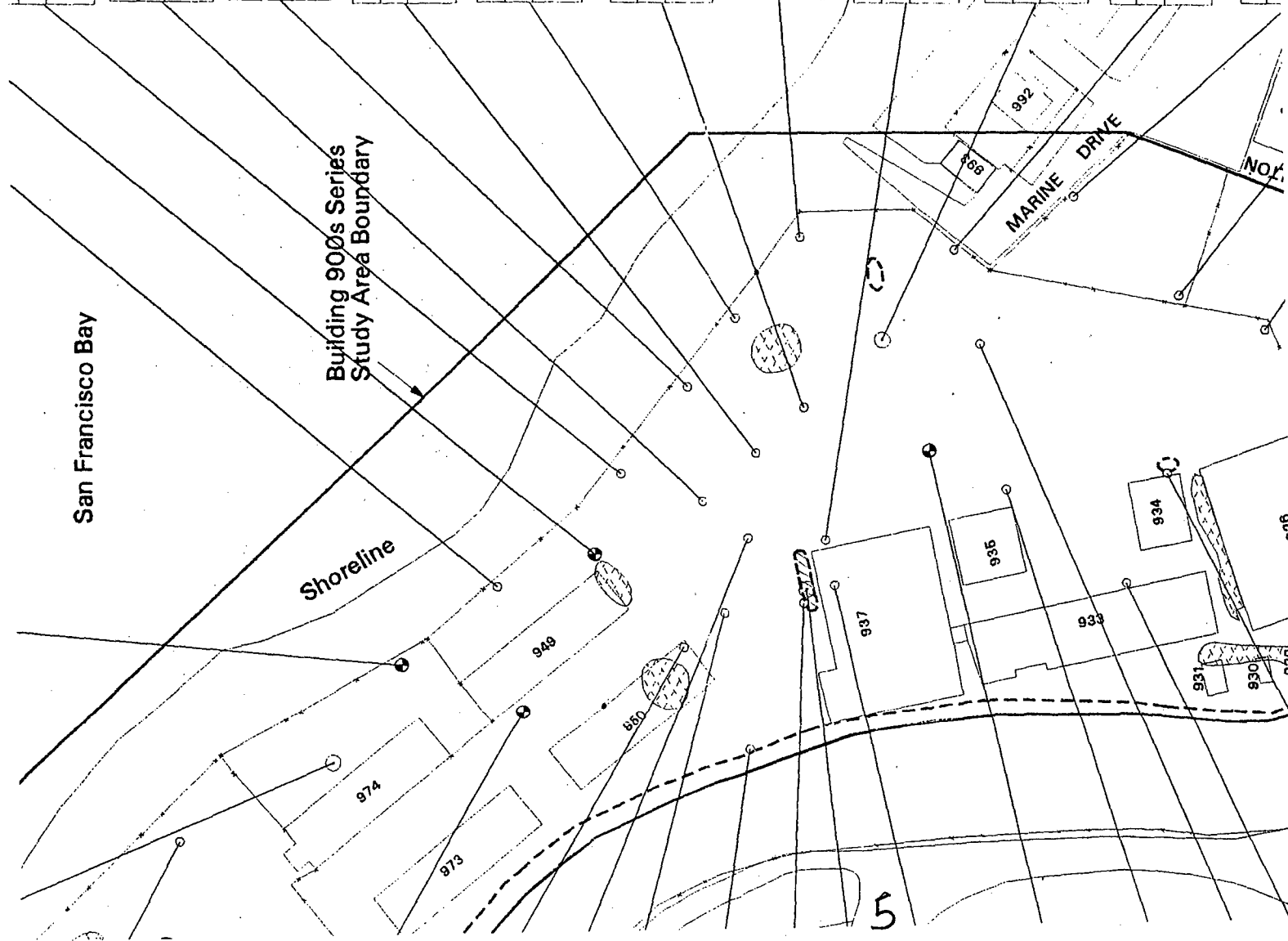
937GW37

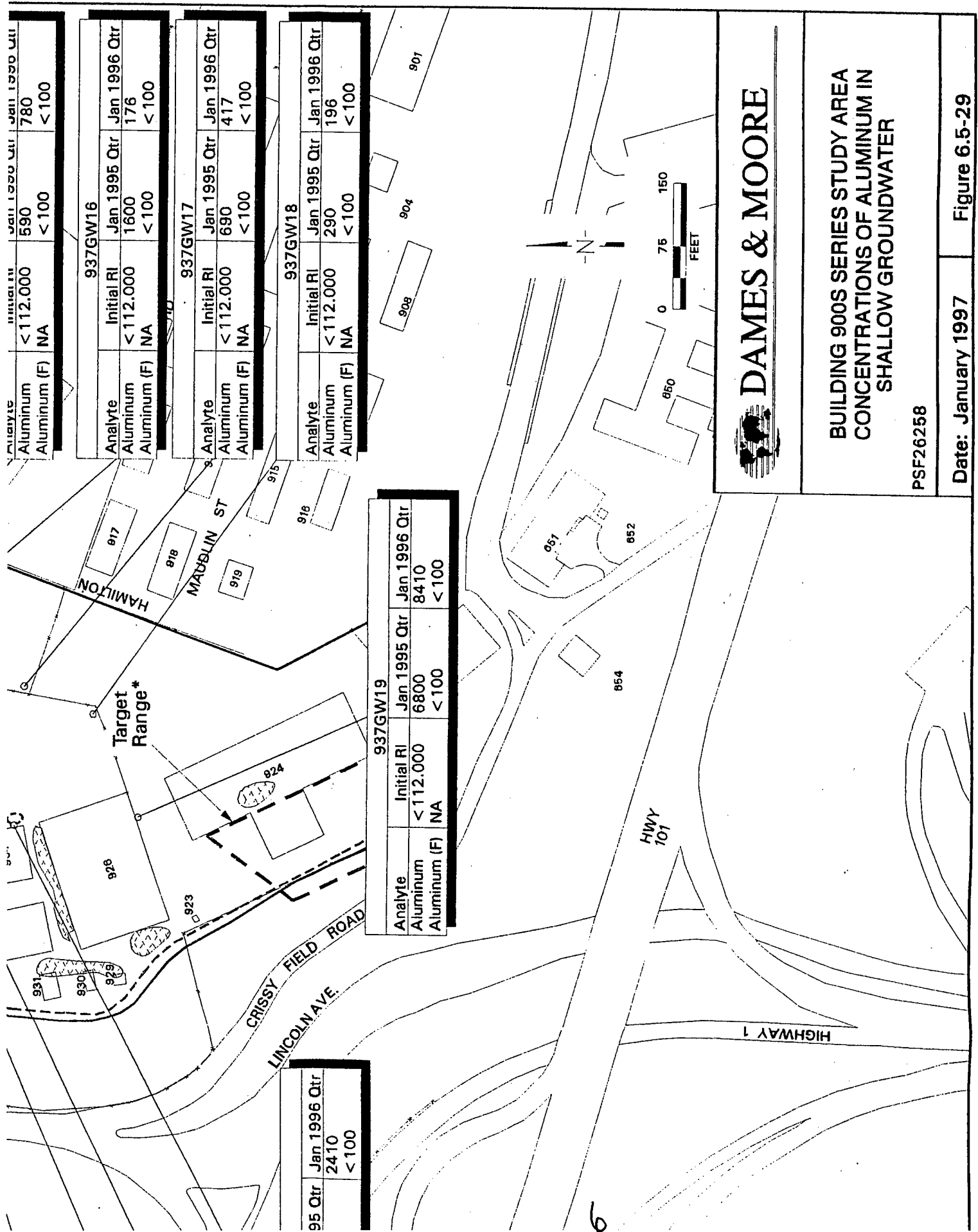
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|-----------|--------------|--------------|
| Aluminum | 4900 | 400 | 2970 |
| Aluminum (F) | 160 | <100 | <100 |

937GW15

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 590 | 780 |
| Aluminum (F) | NA | <100 | <100 |

937GW16





| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Aluminum | <112.000 | 590 | 780 |
| Aluminum (F) | NA | <100 | <100 |

| 937GW16 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <112.000 | 1600 | 176 |
| Aluminum (F) | NA | <100 | <100 |

| 937GW17 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <112.000 | 690 | 417 |
| Aluminum (F) | NA | <100 | <100 |

| 937GW18 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <112.000 | 290 | 196 |
| Aluminum (F) | NA | <100 | <100 |

| 937GW19 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <112.000 | 6800 | 8410 |
| Aluminum (F) | NA | <100 | <100 |

| 95 Qtr | |
|--------------|------|
| Jan 1996 Qtr | 2410 |
| | <100 |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF ALUMINUM IN
SHALLOW GROUNDWATER**

PSF26258

Date: January 1997

Figure 6.5-29

| 979GW03 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Antimony | NA | 2.00 | < 5.0 | |
| Antimony (F) | 109.000 | 1.70 | < 5.0 | |

| 979GW04 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Antimony | 108.000 | < 1.11 | < 5.0 | |
| Antimony (F) | 111.000 | 14.3 | < 5.0 | |

| 979GW02 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Antimony | NA | < 1.11 | < 5.0 | |
| Antimony (F) | < 38.000 | 7.00 | < 5.0 | |

| 979GW01 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Antimony | < 38.000 | < 1.11 | < 5.0 | |
| Antimony (F) | < 38.000 | 5.50 | < 5.0 | |

| 937GW34R | | | | |
|--------------|--------------|--------------|--|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | | |
| Antimony | < 5.0 | < 5.0 | | |
| Antimony (F) | < 5.0 | < 5.0 | | |

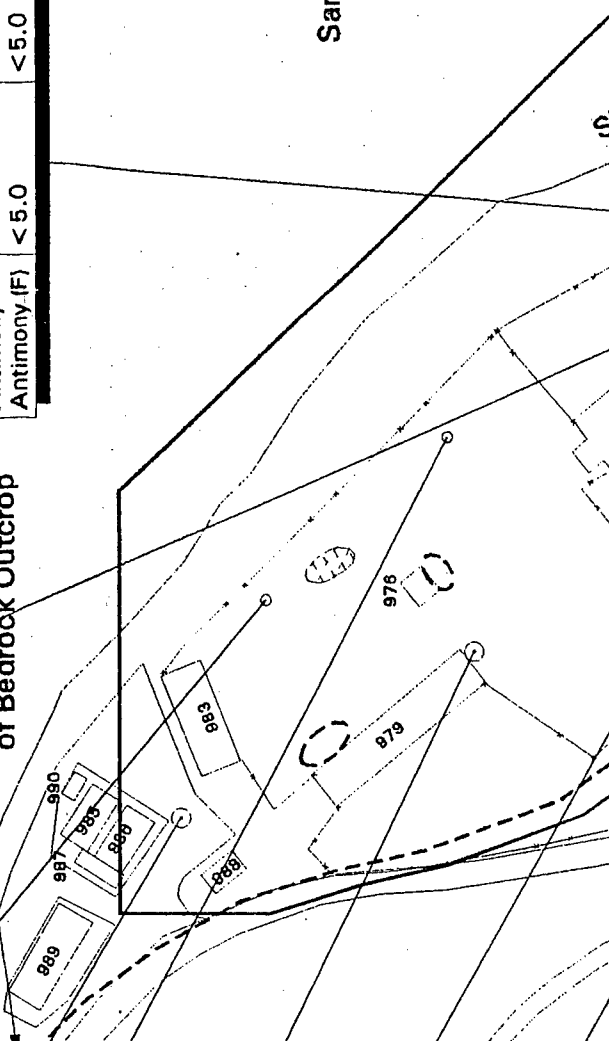
| 937GW22 | | | | |
|----------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | < 60.000 | < 5.0 | < 5.0 | |

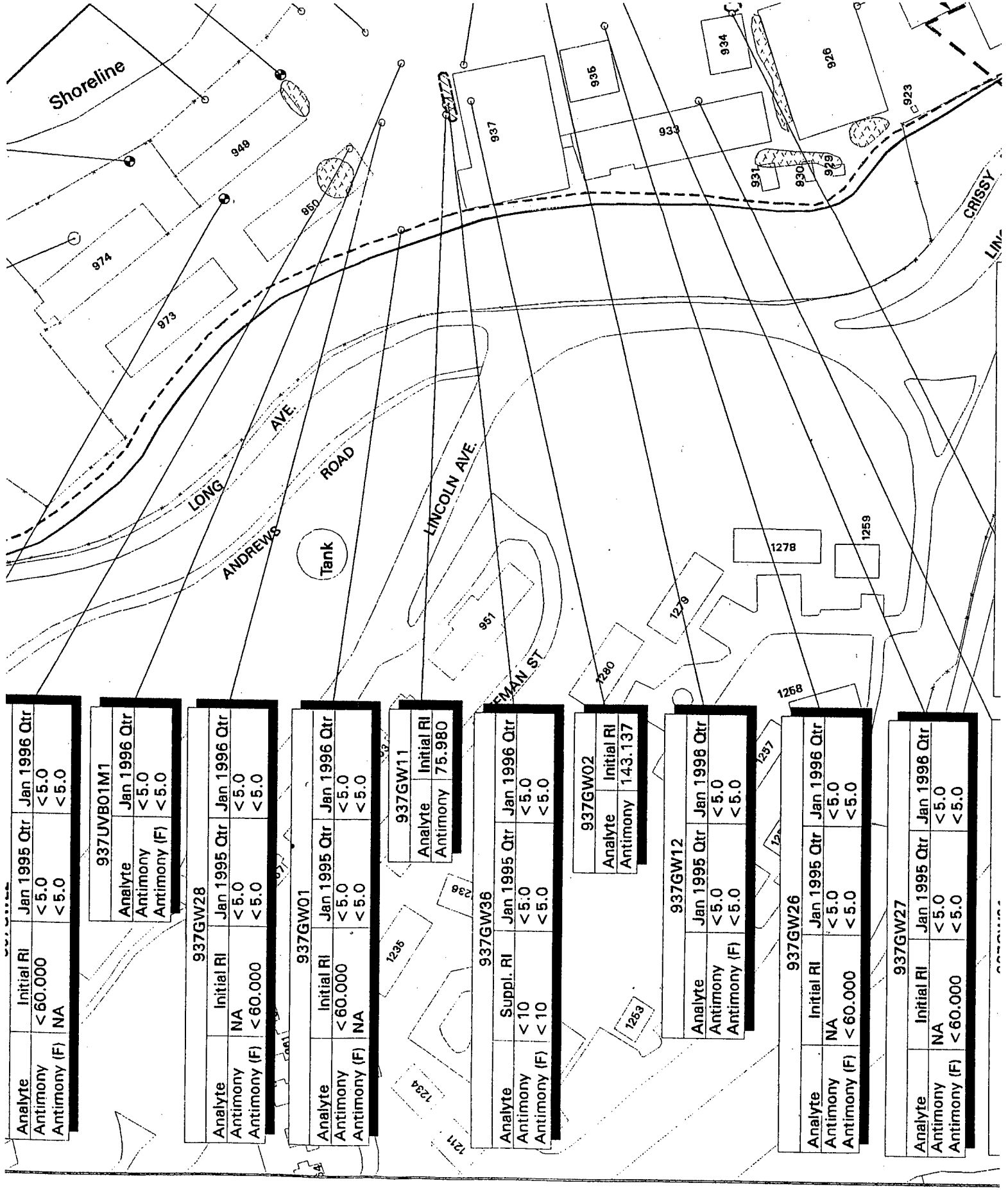
| 979GW07 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Antimony | NA | < 1.11 | < 5.0 | |
| Antimony (F) | < 38.000 | 3.30 | < 5.0 | |

| 937GW35 | | | | |
|--------------|--------------|--------------|--|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | | |
| Antimony | < 5.0 | < 5.0 | | |
| Antimony (F) | < 5.0 | < 5.0 | | |

Surface Trace
of Bedrock Outcrop

San Franc





| | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| | | | |
|--------------|--------------|--|--|
| 937UVB01M1 | | | |
| Analyte | Jan 1996 Qtr | | |
| Antimony | <5.0 | | |
| Antimony (F) | <5.0 | | |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW28 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | <5.0 | <5.0 |
| Antimony (F) | <60.000 | <5.0 | <5.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW01 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| | | | |
|----------|------------|--|--|
| 937GW11 | | | |
| Analyte | Initial RI | | |
| Antimony | 75.980 | | |

| | | | |
|--------------|-----------|--------------|--------------|
| 937GW36 | | | |
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <10 | <5.0 | <5.0 |
| Antimony (F) | <10 | <5.0 | <5.0 |

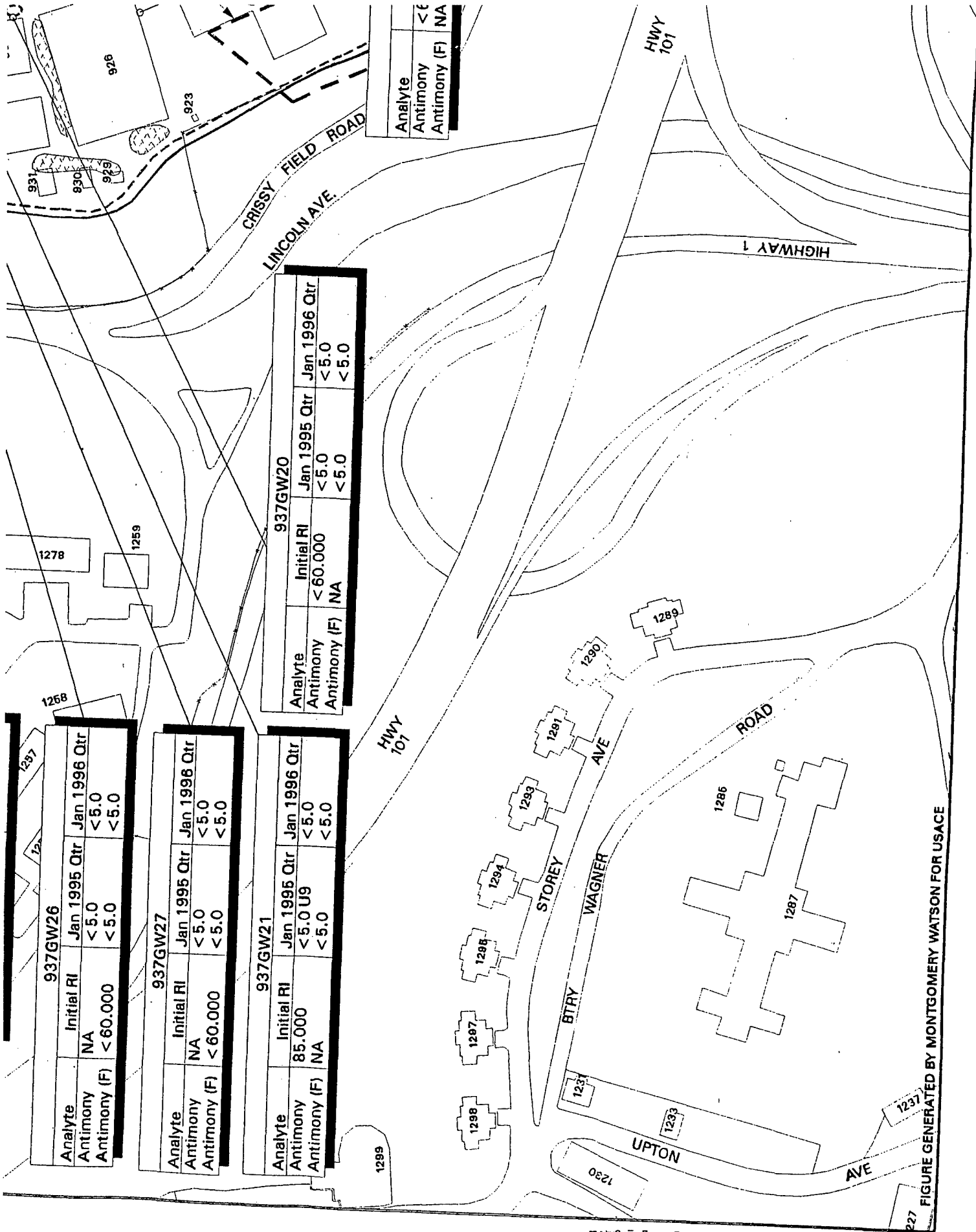
| | | | |
|----------|------------|--|--|
| 937GW02 | | | |
| Analyte | Initial RI | | |
| Antimony | 143.137 | | |

| | | | |
|--------------|--------------|--------------|--|
| 937GW12 | | | |
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | <5.0 | <5.0 | |
| Antimony (F) | <5.0 | <5.0 | |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW26 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | <5.0 | <5.0 |
| Antimony (F) | <60.000 | <5.0 | <5.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW27 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | <5.0 | <5.0 |
| Antimony (F) | <60.000 | <5.0 | <5.0 |

3



| 937GW26 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | NA | < 5.0 | < 5.0 | |
| Antimony (F) | < 60.000 | < 5.0 | < 5.0 | |

| 937GW27 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | NA | < 5.0 | < 5.0 | |
| Antimony (F) | < 60.000 | < 5.0 | < 5.0 | |

| 937GW21 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | 85.000 | < 5.0 U9 | < 5.0 | |
| Antimony (F) | NA | < 5.0 | < 5.0 | |

| 937GW20 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | < 60.000 | < 5.0 | < 5.0 | |
| Antimony (F) | NA | < 5.0 | < 5.0 | |

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

7

| 937GW35 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Antimony | < 5.0 |
| Antimony (F) | < 5.0 |

| 937GW35 | |
|--------------|--------------|
| Analyte | Jan 1995 Qtr |
| Antimony | < 5.0 |
| Antimony (F) | < 5.0 |

face
Outcrop

San Francisco Bay

EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ▨ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ▤ APPROXIMATE LOCATIONS OF FORMER USTs
- ▩ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. (F) INDICATES FILTERED SAMPLE.
4. NA = NOT ANALYZED
5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW23 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | < 5.0 | < 25.0 |
| Antimony (F) | 67.800 | < 5.0 | < 25.0 |

| 937GW33 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Antimony | < 5.0 | < 5.0 | |
| Antimony (F) | < 5.0 | < 5.0 | |

| 937GW10 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 60.000 | < 5.0 | < 25.0 |
| Antimony (F) | NA | < 5.0 | < 25.0 |

| 937GW06 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 60.000 | < 5.0 | < 5.0 |

San Francisco Bay

Shoreline

Building 900s Series
Study Area Boundary

MARINE DRIVE

5

| 937GW10 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <25.0 |
| Antimony (F) | NA | <5.0 | <25.0 |

| 937GW06 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW24 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | <5.0 | <25.0 |
| Antimony (F) | <60,000 | <5.0 | <25.0 |

| 937GW05 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | 86,961 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW08 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

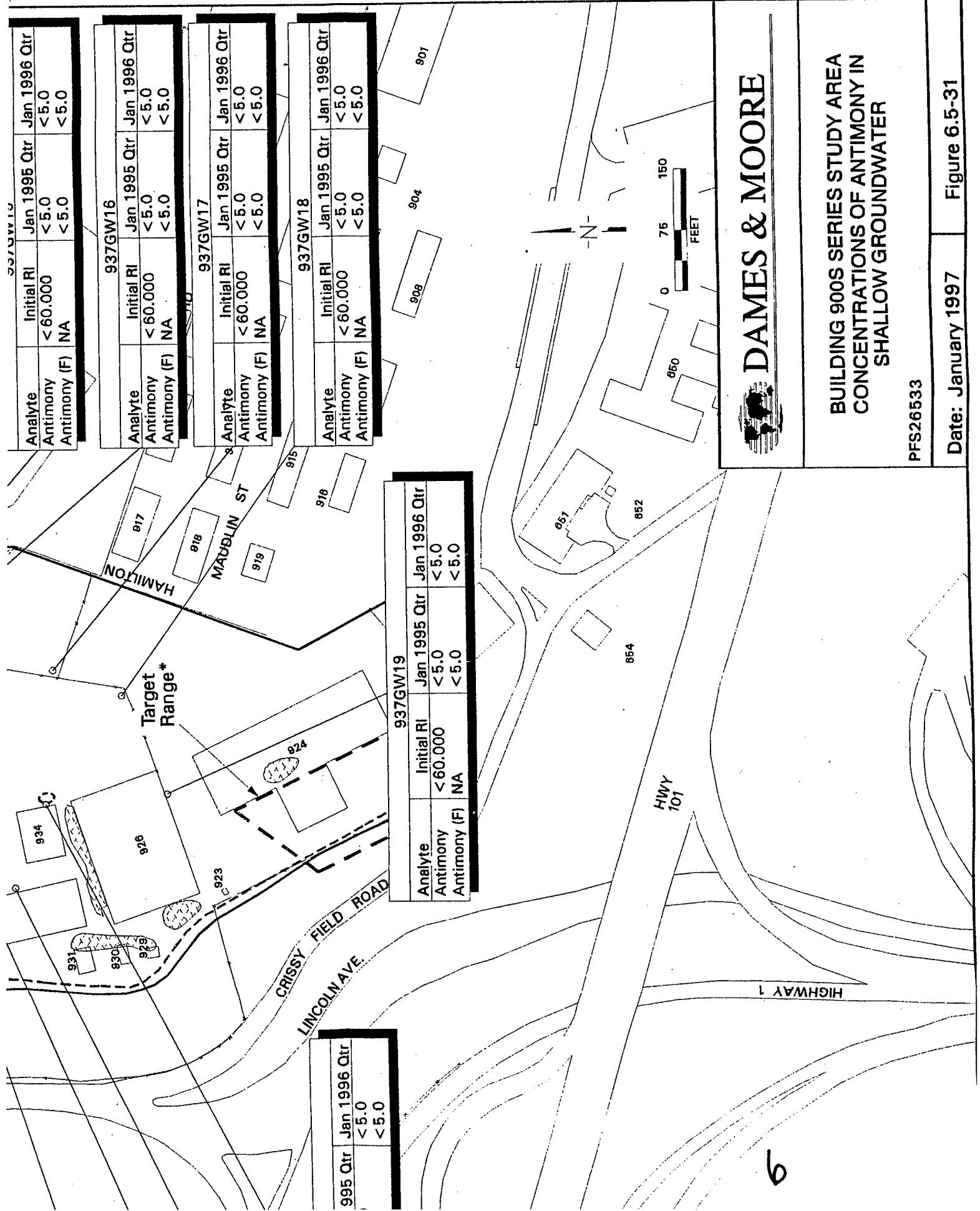
| 937GW04 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW07 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | 91,569 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW03 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW37 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <10 | <5.0 | <5.0 |
| Antimony (F) | 17 | <5.0 | <5.0 |

| 937GW15 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |



| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW16 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW17 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW18 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW19 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60.000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 995 Qtr | Jan 1996 Qtr |
|---------|--------------|
| <5.0 | <5.0 |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF ANTIMONY IN
SHALLOW GROUNDWATER**

PFS26533

| 979GW03 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | NA | < 3.00 | < 0.50 |
| Cadmium (F) | < 4.010 | < 3.00 | < 0.50 |

| 979GW04 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | < 4.010 | < 30.0 a | < 0.50 |
| Cadmium (F) | < 4.010 | 7.00 | < 0.50 |

| 979GW02 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | NA | < 3.00 | < 0.50 |
| Cadmium (F) | < 4.010 | < 3.00 | < 0.50 |

| 979GW01 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | 6.490 | < 3.00 | < 0.50 |
| Cadmium (F) | 8.960 | < 3.00 | < 0.50 |

| 937GW34R | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | 6.490 | < 3.00 | < 0.50 |
| Cadmium (F) | 8.960 | < 3.00 | < 0.50 |

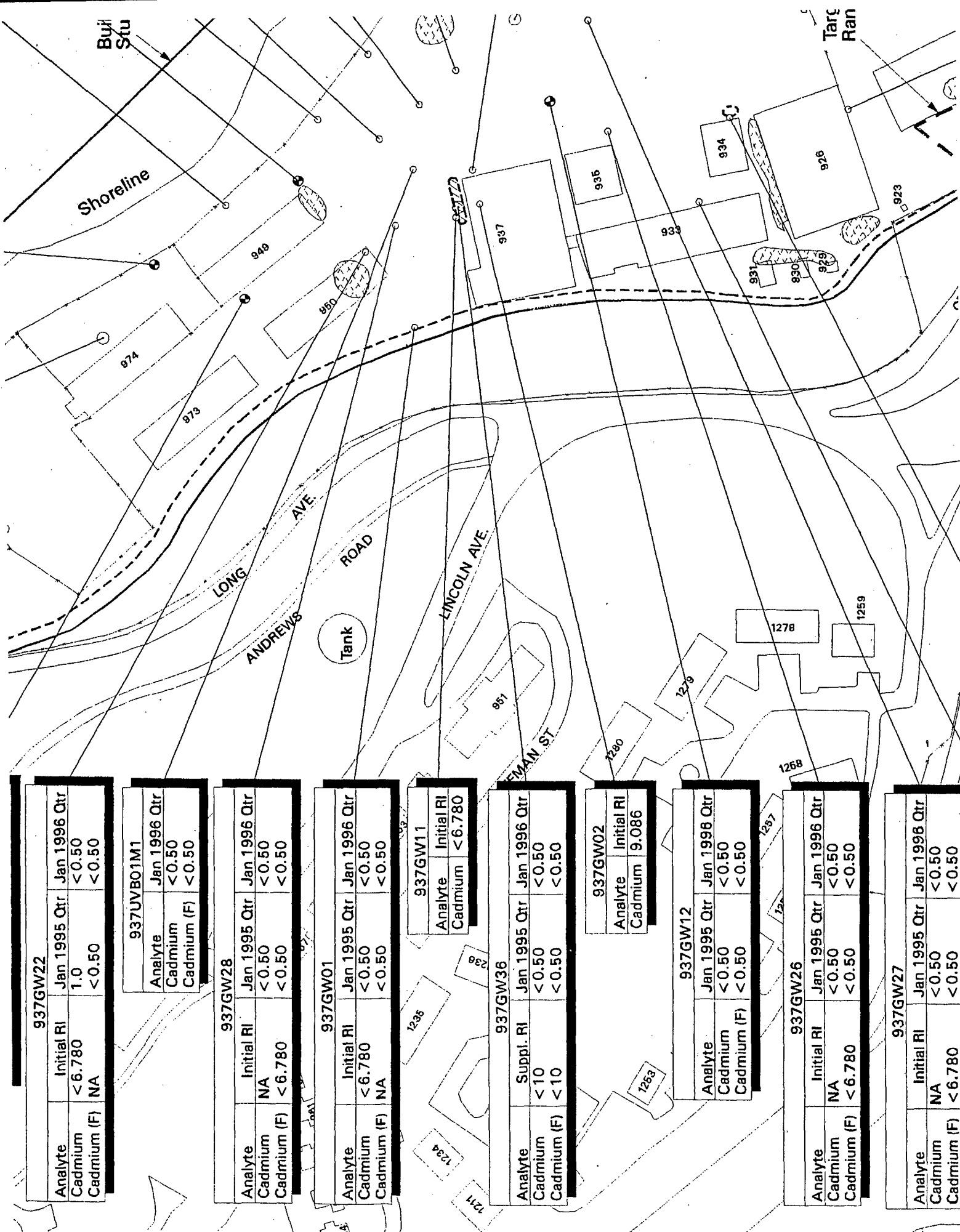
| 937GW22 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | < 6.780 | 1.0 | < 0.50 |
| Cadmium (F) | NA | < 3.00 | < 0.50 |

| 979GW07 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | NA | < 3.00 | < 0.50 |
| Cadmium (F) | < 4.010 | < 3.00 | < 0.50 |

| 937GW35 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | < 0.50 | < 0.50 | < 0.50 |
| Cadmium (F) | < 0.50 | < 0.50 | < 0.50 |

Surface Trace
of Bedrock Outcrop

San Francisco E



937GW22

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|------------|--------------|--------------|
| Cadmium | <6.780 | 1.0 | <0.50 |
| Cadmium (F) | NA | <0.50 | <0.50 |

937UVB01M1

| Analyte | Jan 1996 Qtr |
|-------------|--------------|
| Cadmium | <0.50 |
| Cadmium (F) | <0.50 |

937GW28

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|------------|--------------|--------------|
| Cadmium | NA | <0.50 | <0.50 |
| Cadmium (F) | <6.780 | <0.50 | <0.50 |

937GW01

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|------------|--------------|--------------|
| Cadmium | <6.780 | <0.50 | <0.50 |
| Cadmium (F) | NA | <0.50 | <0.50 |

937GW11

| Analyte | Initial RI |
|---------|------------|
| Cadmium | <6.780 |

937GW36

| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|-----------|--------------|--------------|
| Cadmium | <10 | <0.50 | <0.50 |
| Cadmium (F) | <10 | <0.50 | <0.50 |

937GW02

| Analyte | Initial RI |
|---------|------------|
| Cadmium | 9.086 |

937GW12

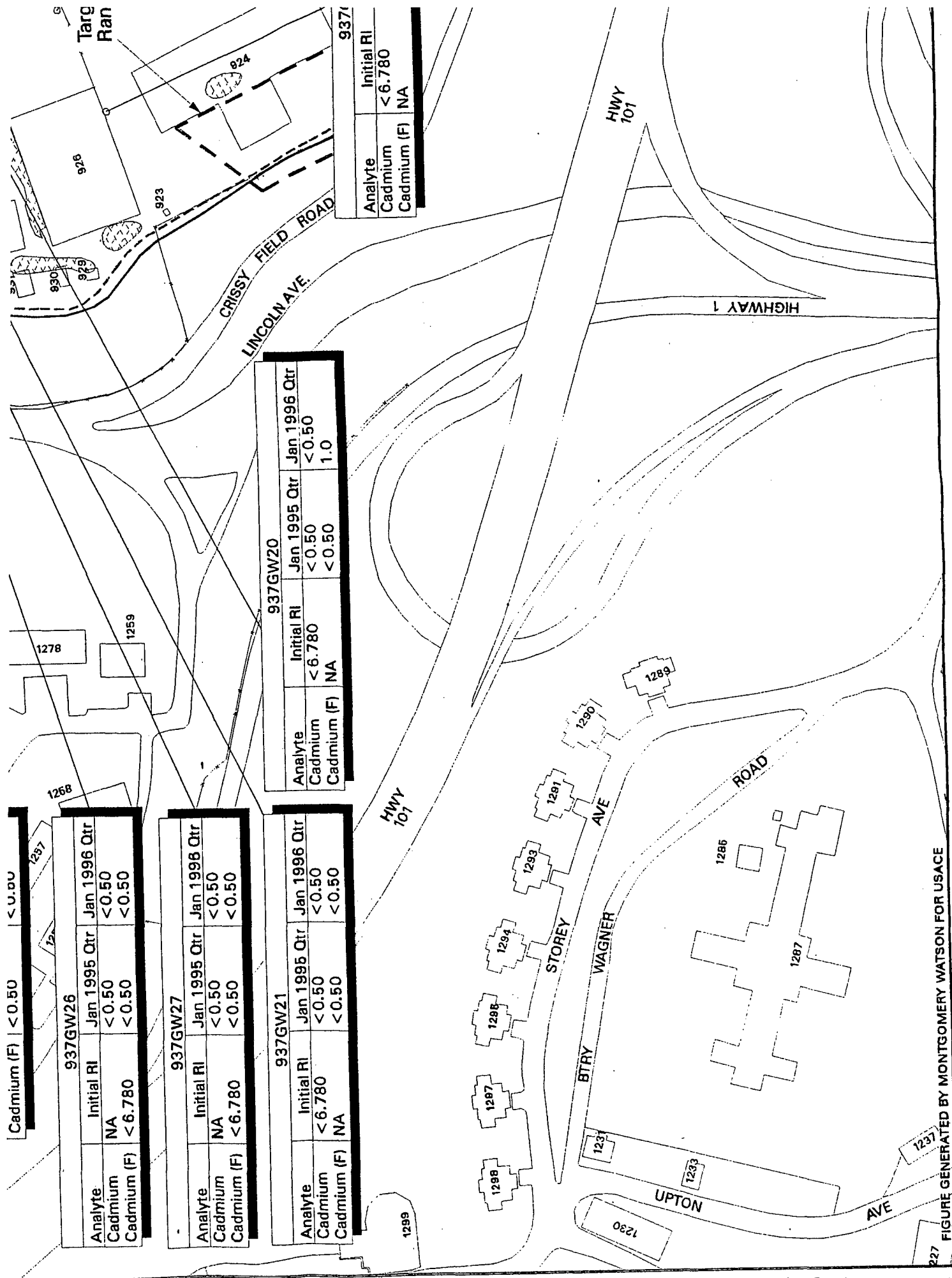
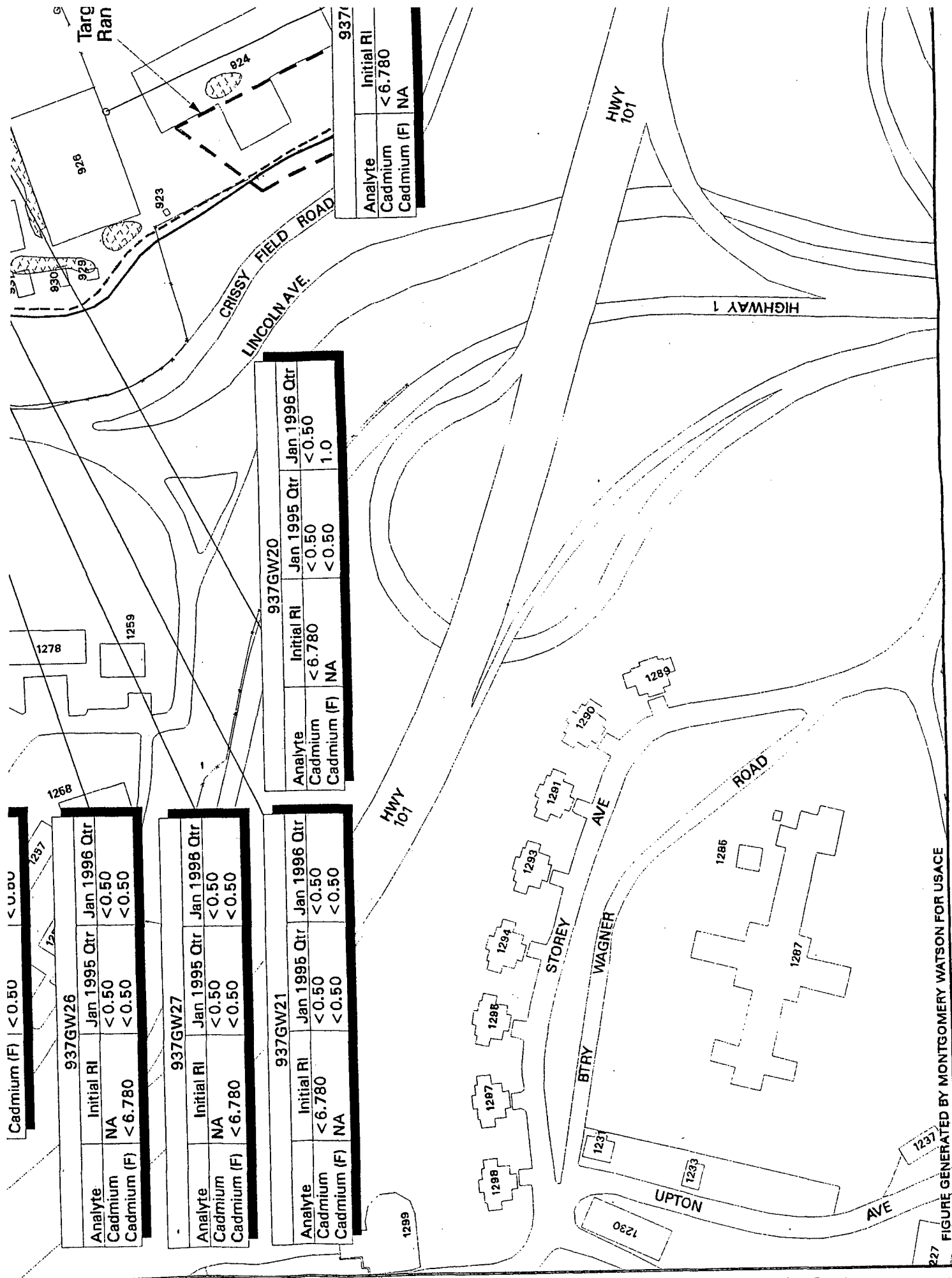
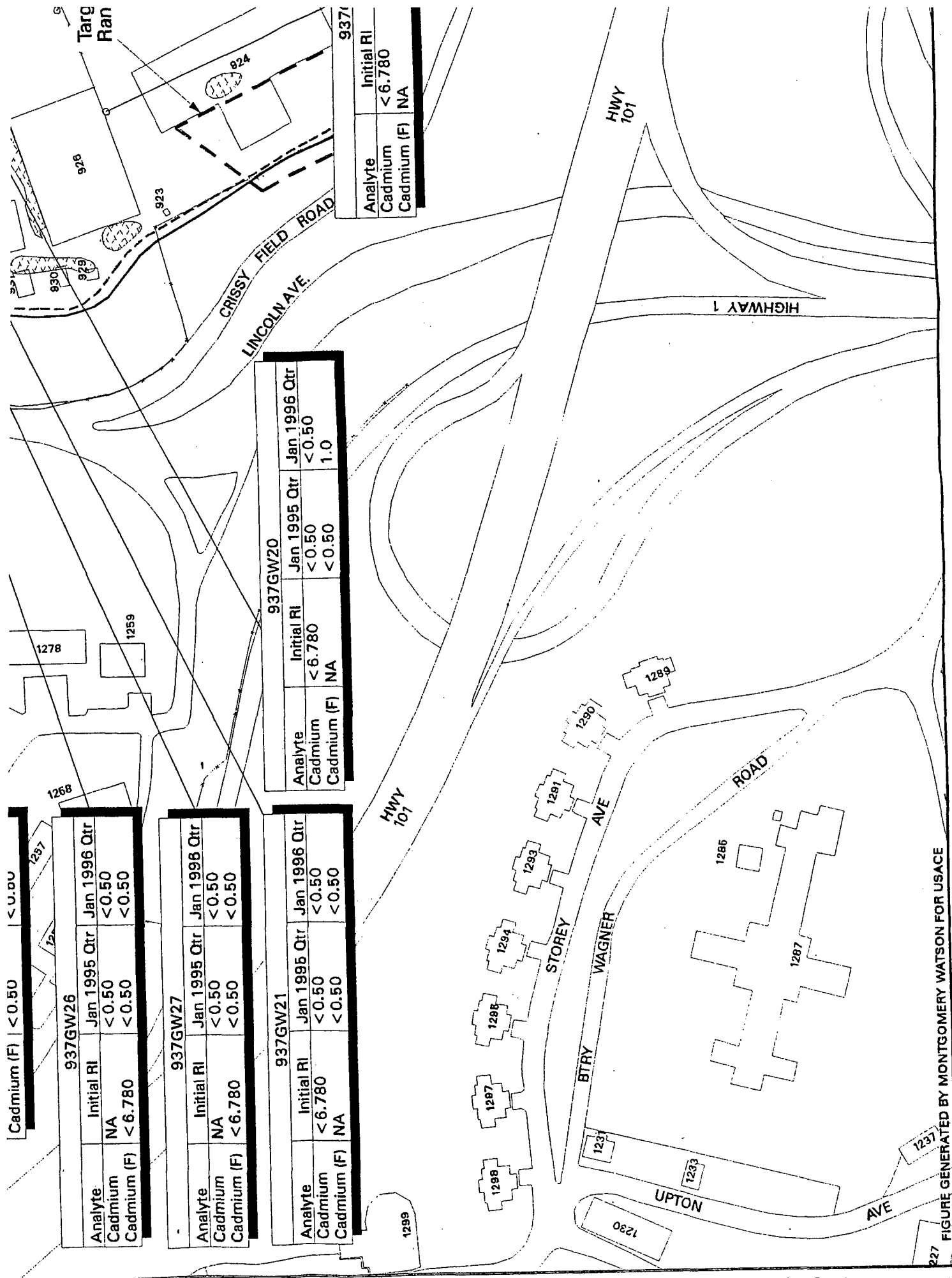
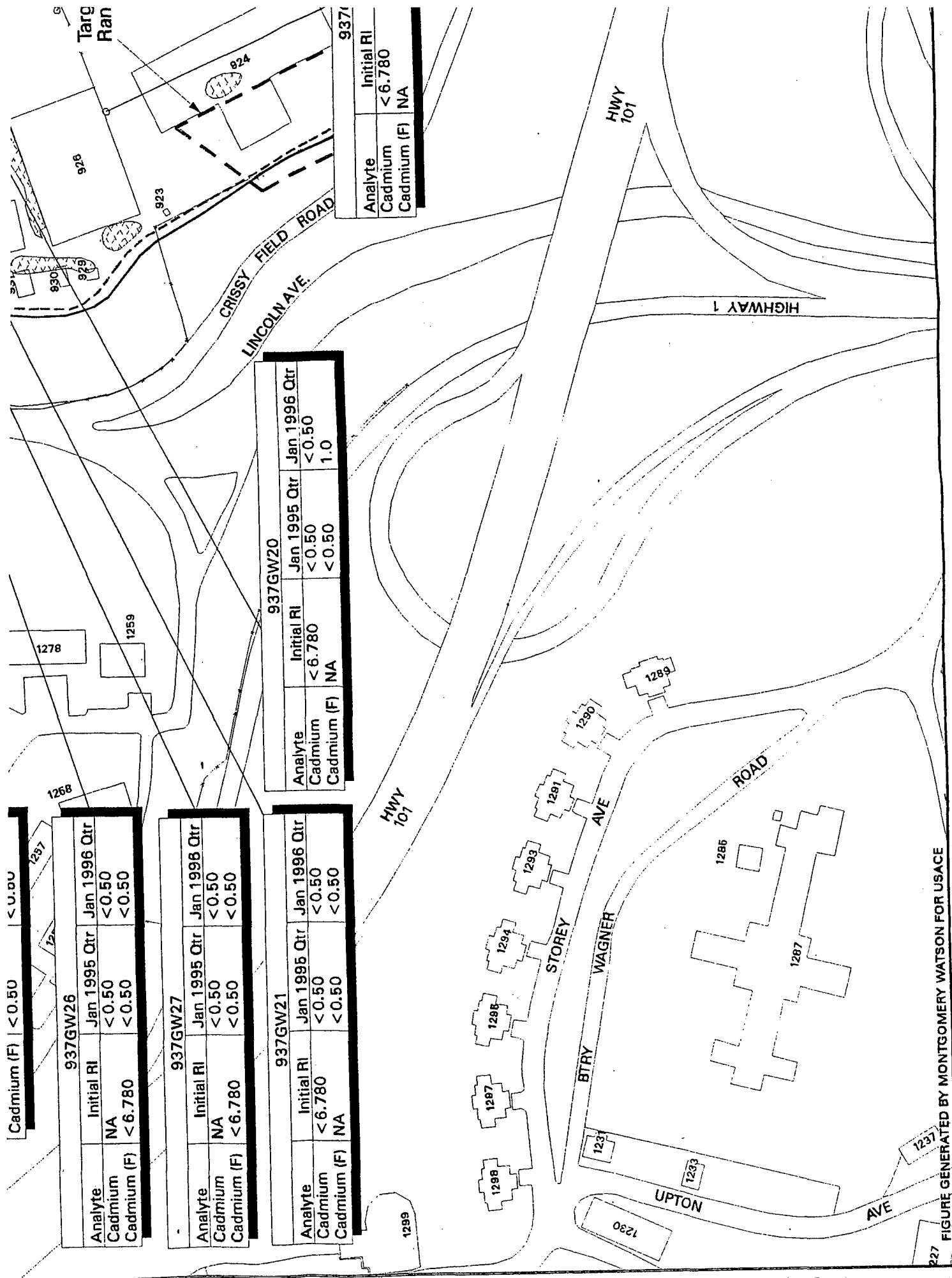
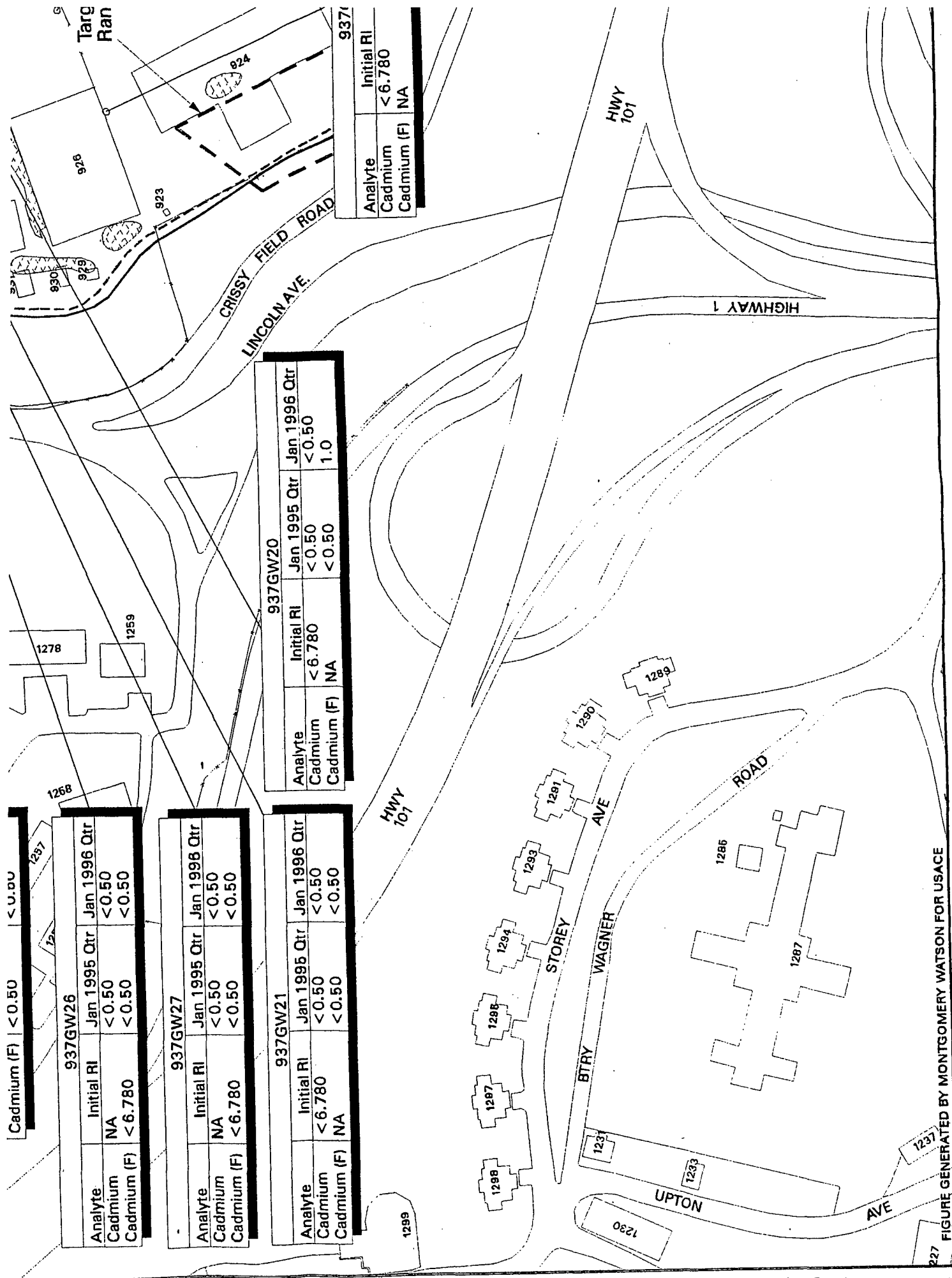
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|--------------|--------------|
| Cadmium | <0.50 | <0.50 |
| Cadmium (F) | <0.50 | <0.50 |

937GW26

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|------------|--------------|--------------|
| Cadmium | NA | <0.50 | <0.50 |
| Cadmium (F) | <6.780 | <0.50 | <0.50 |

937GW27

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-------------|------------|--------------|--------------|
| Cadmium | NA | <0.50 | <0.50 |
| Cadmium (F) | <6.780 | <0.50 | <0.50 |



EXPLANATION

- SHALLOW MONITORING WELL
- MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ▨ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ▤ APPROXIMATE LOCATIONS OF FORMER USTs
- ▩ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS µg/L.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 979GW07 | | |
|-------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Cadmium | <3.00 | <0.50 |
| Cadmium (F) | <3.00 | <0.50 |

| 937GW35 | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | <0.50 | <0.50 |
| Cadmium (F) | <0.50 | <0.50 |

Surface Trace
Bedrock Outcrop

San Francisco Bay

| 937GW23 | | | |
|-------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | NA | <0.50 | <2.5 |
| Cadmium (F) | <6.780 | <1.0 | <2.5 |

| 937GW33 | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | 0.51 | <0.50 |
| Cadmium (F) | <0.50 | <0.50 |

| 937GW10 | | | |
|-------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | <6.780 | <0.50 | <2.5 |
| Cadmium (F) | NA | <0.50 | <2.5 |

| 937GW06 | | | |
|-------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | <6.780 | <0.50 | <0.50 |
| Cadmium (F) | NA | <0.50 | <0.50 |

DATE: 1/24/94

| 937GW10 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | <2.5 | |
| Cadmium (F) | NA | <0.50 | <2.5 | |

| 937GW06 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | <0.50 | |
| Cadmium (F) | NA | <0.50 | <0.50 | |

| 937GW24 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | NA | <0.50 | <2.5 | |
| Cadmium (F) | <6.780 | <0.50 | <2.5 | |

| 937GW05 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | <0.50 | |
| Cadmium (F) | NA | <0.50 | <0.50 | |

| 937GW08 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | <2.5 | |
| Cadmium (F) | NA | <0.50 | <2.5 | |

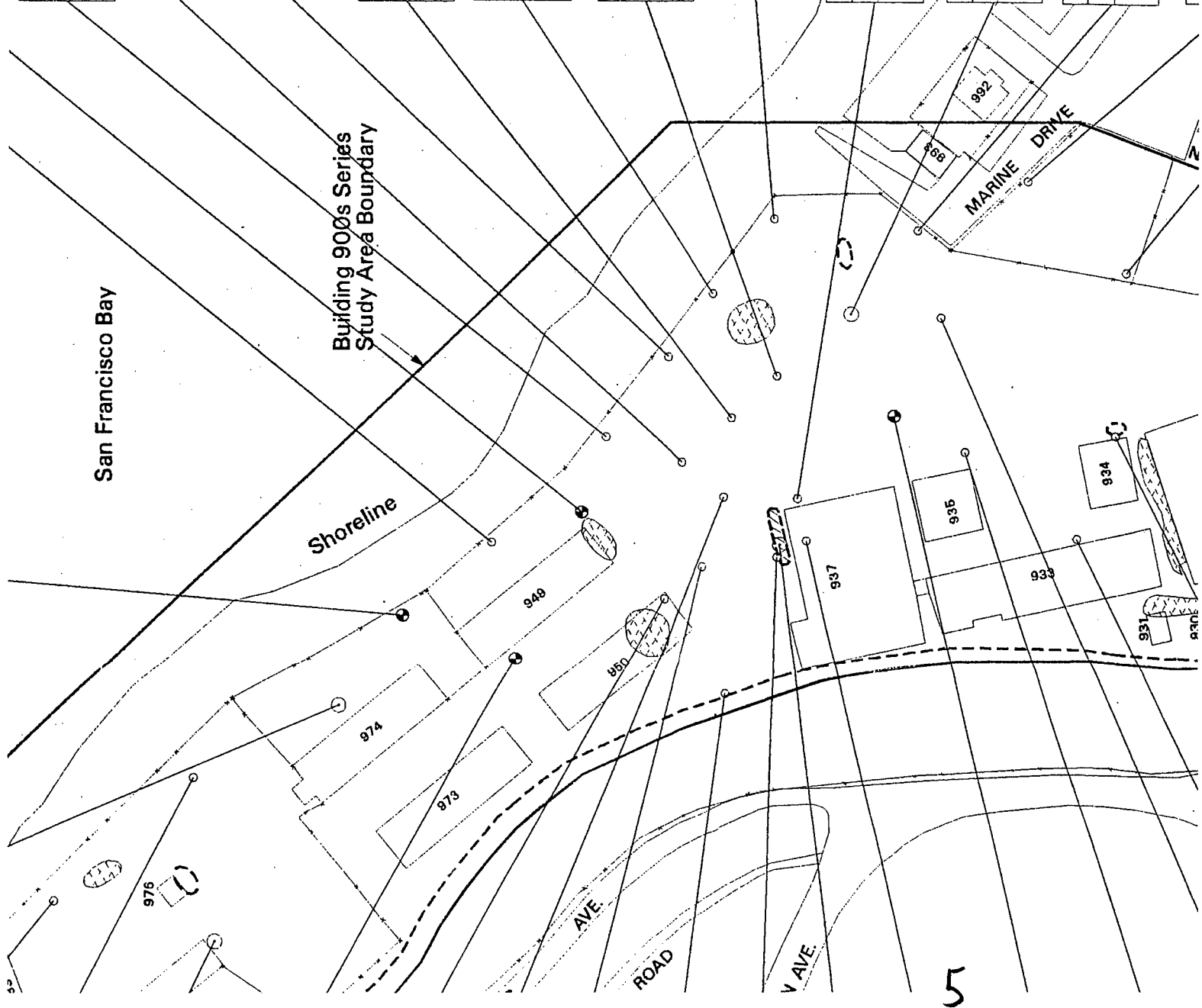
| 937GW04 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | <0.50 | |
| Cadmium (F) | NA | <0.50 | <0.50 | |

| 937GW07 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | 2.0 | 0.54 | |
| Cadmium (F) | NA | 1.5 | <0.50 | |

| 937GW03 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | <0.50 | |
| Cadmium (F) | NA | <0.50 | <0.50 | |

| 937GW37 | | | | |
|-------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <10 | <0.50 | <0.50 | |
| Cadmium (F) | <10 | <0.50 | <0.50 | |

| 937GW15 | | | | |
|-------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Cadmium | <6.780 | <0.50 | 0.92 | |
| Cadmium (F) | NA | <0.50 | <0.50 | |



| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|--------------|--------------|
| Antimony | <5.0 | <5.0 |
| Antimony (F) | <5.0 | <5.0 |

| 937GW10 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <25.0 |
| Antimony (F) | NA | <5.0 | <25.0 |

| 937GW06 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW24 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | <5.0 | <25.0 |
| Antimony (F) | <60,000 | <5.0 | <25.0 |

| 937GW05 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | 86.961 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW08 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

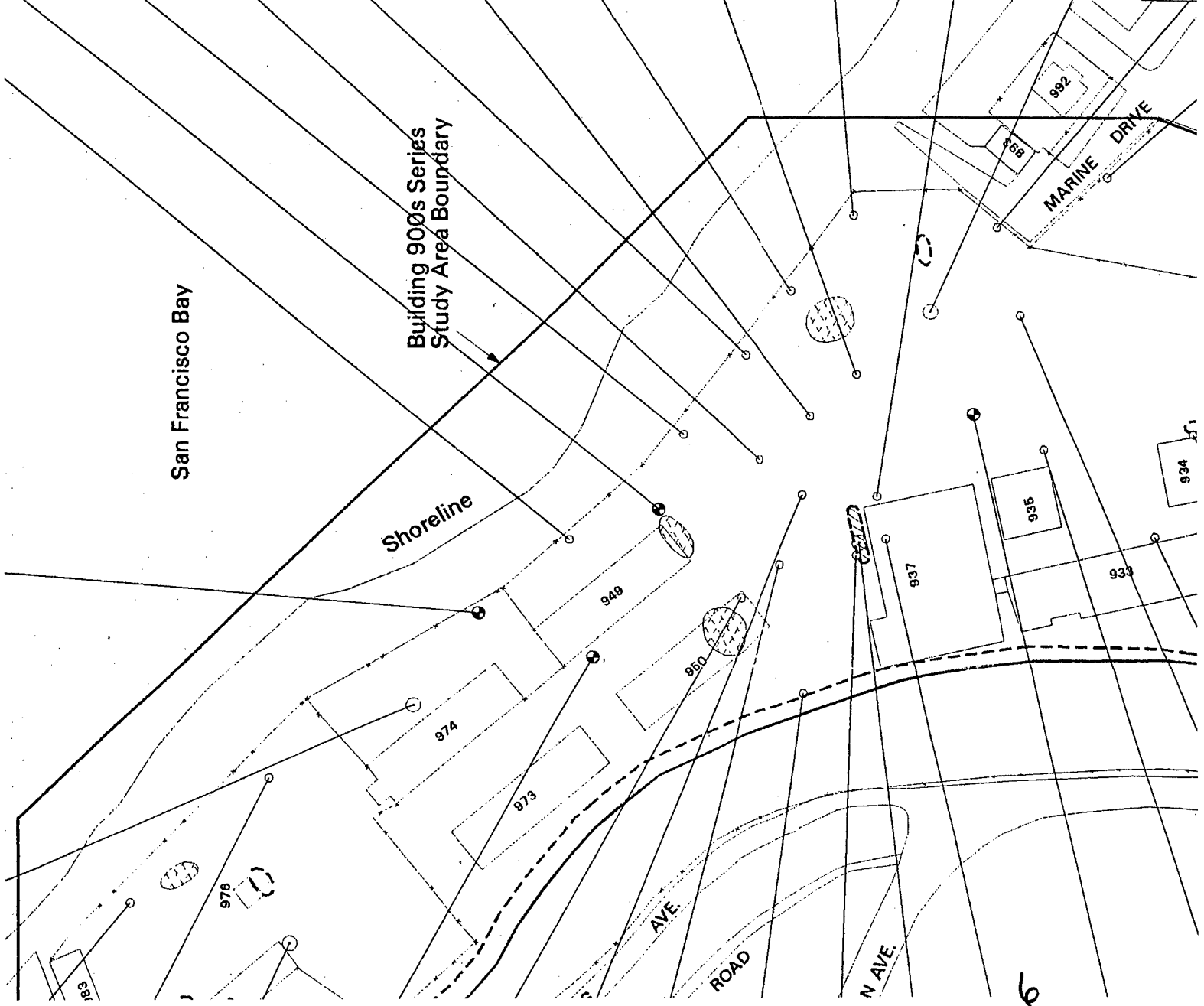
| 937GW04 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

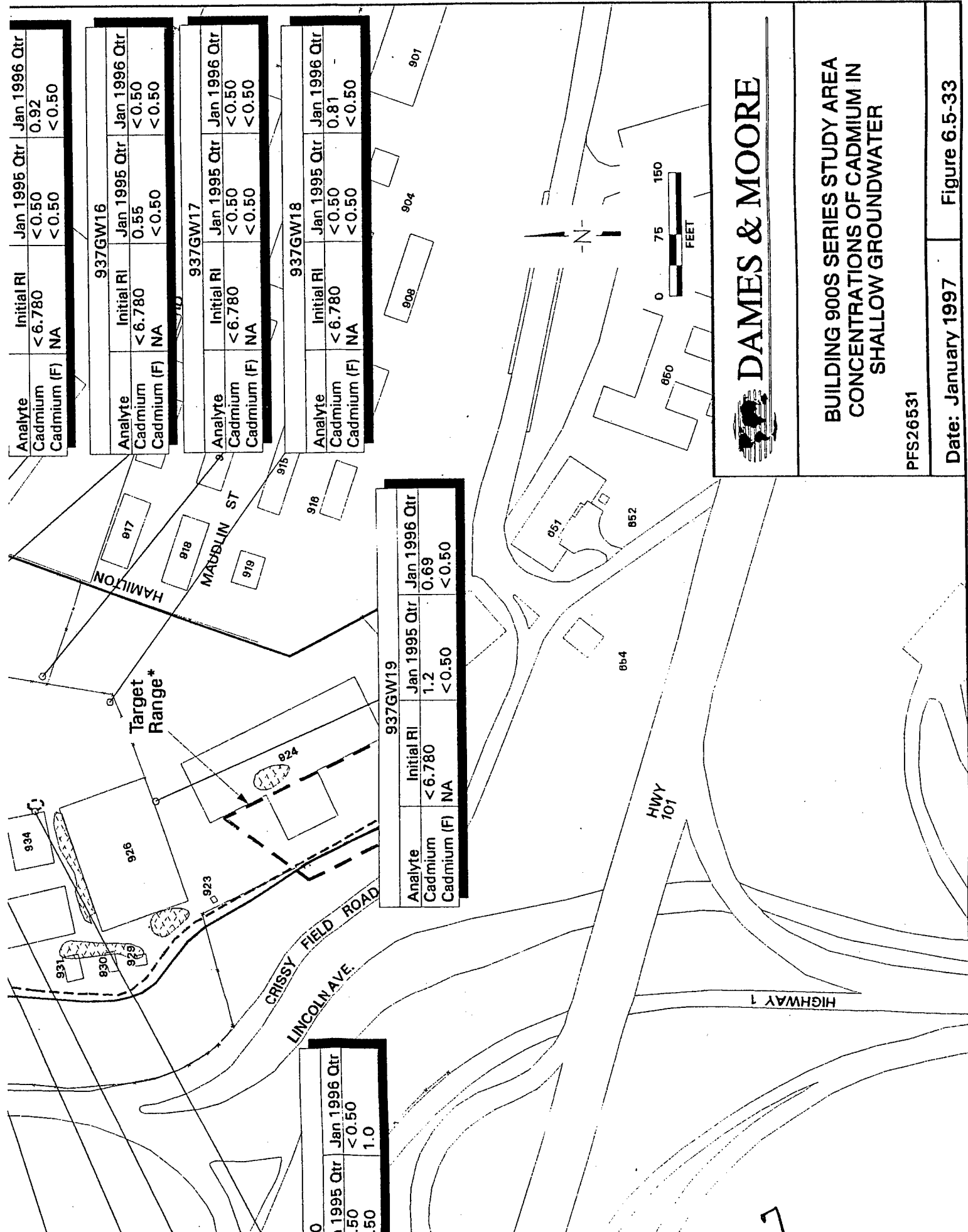
| 937GW07 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | 91.569 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW03 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <60,000 | <5.0 | <5.0 |
| Antimony (F) | NA | <5.0 | <5.0 |

| 937GW37 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <10 | <5.0 | <5.0 |
| Antimony (F) | 17 | <5.0 | <5.0 |

| 937GW15 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | <5.0 | <5.0 | <5.0 |





DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF CADMIUM IN
SHALLOW GROUNDWATER**

PFS26531

| 979GW03 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | NA | < 5.00 | 4.4 |
| Chromium (F) | < 6.020 | < 5.00 | 3.9 |

| 979GW04 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | 187.000 | < 50.0 a | 1.2 |
| Chromium (F) | < 6.020 | < 5.00 | < 1.0 |

| 979GW02 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | NA | < 5.00 | < 1.0 |
| Chromium (F) | < 6.020 | < 5.00 | < 1.0 |

| 979GW01 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | < 6.020 | < 5.00 | 2.2 |
| Chromium (F) | < 6.020 | < 5.00 | 1.5 |

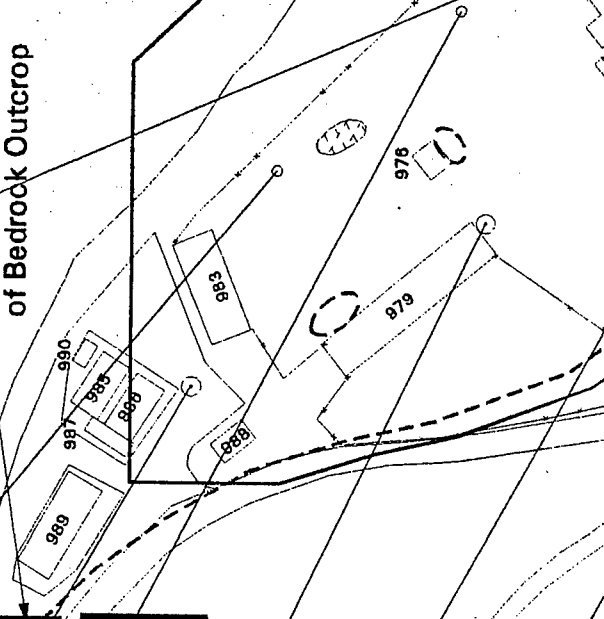
| 937GW34R | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | 2.8 | 4.2 | |
| Chromium (F) | 23 | 2.2 | |

| 937GW22 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | < 16.800 | 130 | 31.3 |

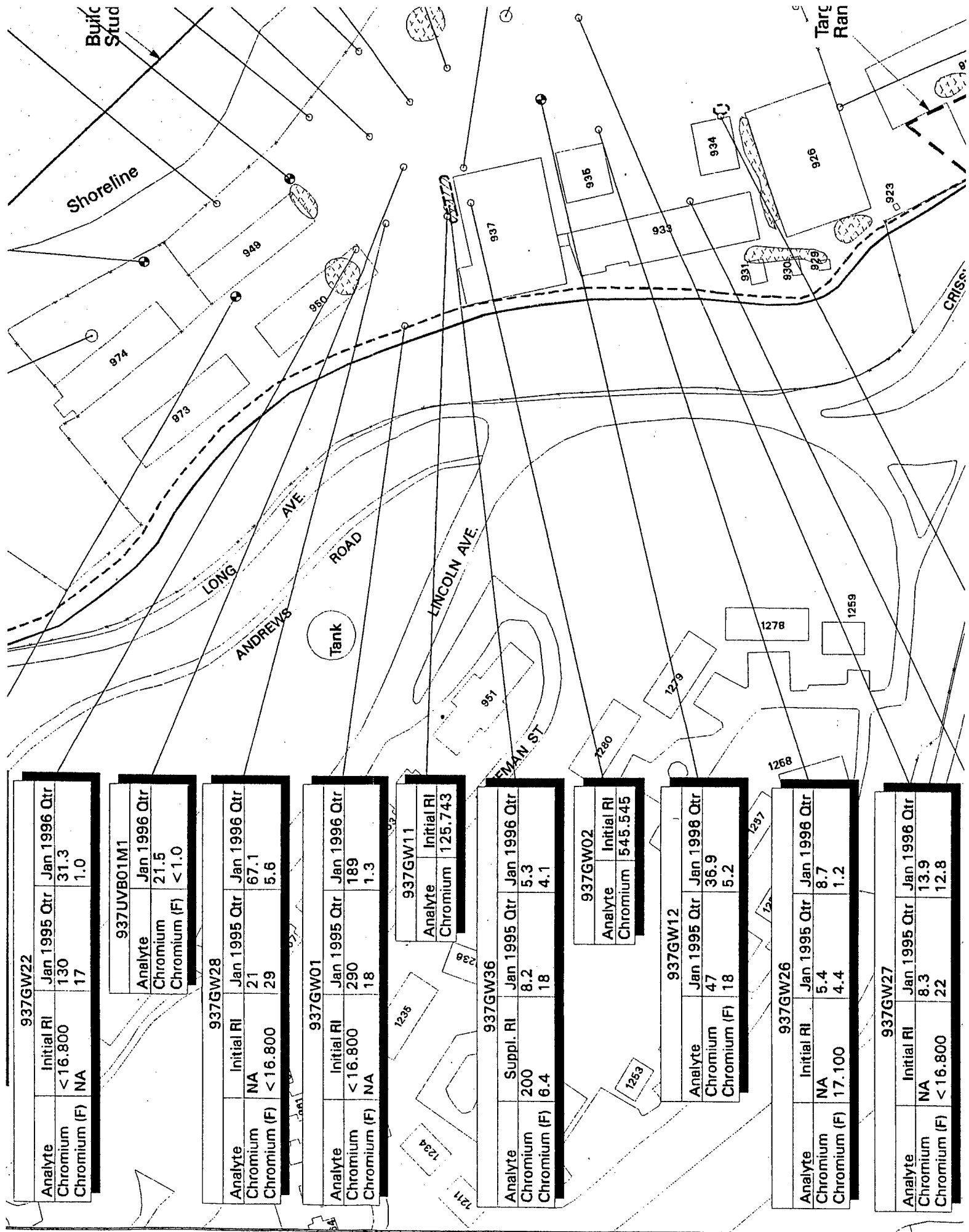
| 979GW07 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | NA | < 5.00 | 2.1 |
| Chromium (F) | < 6.020 | < 5.00 | 1.2 |

| 937GW35 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | 15 | 29.1 | |
| Chromium (F) | 8.8 | 6.2 | |

Surface Trace
of Bedrock Outcrop



San Francisco E



| 937GW22 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 130 | 31.3 |
| Chromium (F) | NA | 17 | 1.0 |

| 937UVB01M1 | | |
|--------------|--------------|--|
| Analyte | Jan 1996 Qtr | |
| Chromium | 21.5 | |
| Chromium (F) | <1.0 | |

| 937GW28 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | NA | 21 | 67.1 |
| Chromium (F) | <16.800 | 29 | 5.6 |

| 937GW01 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 290 | 189 |
| Chromium (F) | NA | 18 | 1.3 |

| 937GW11 | | |
|----------|------------|--|
| Analyte | Initial RI | |
| Chromium | 125.743 | |

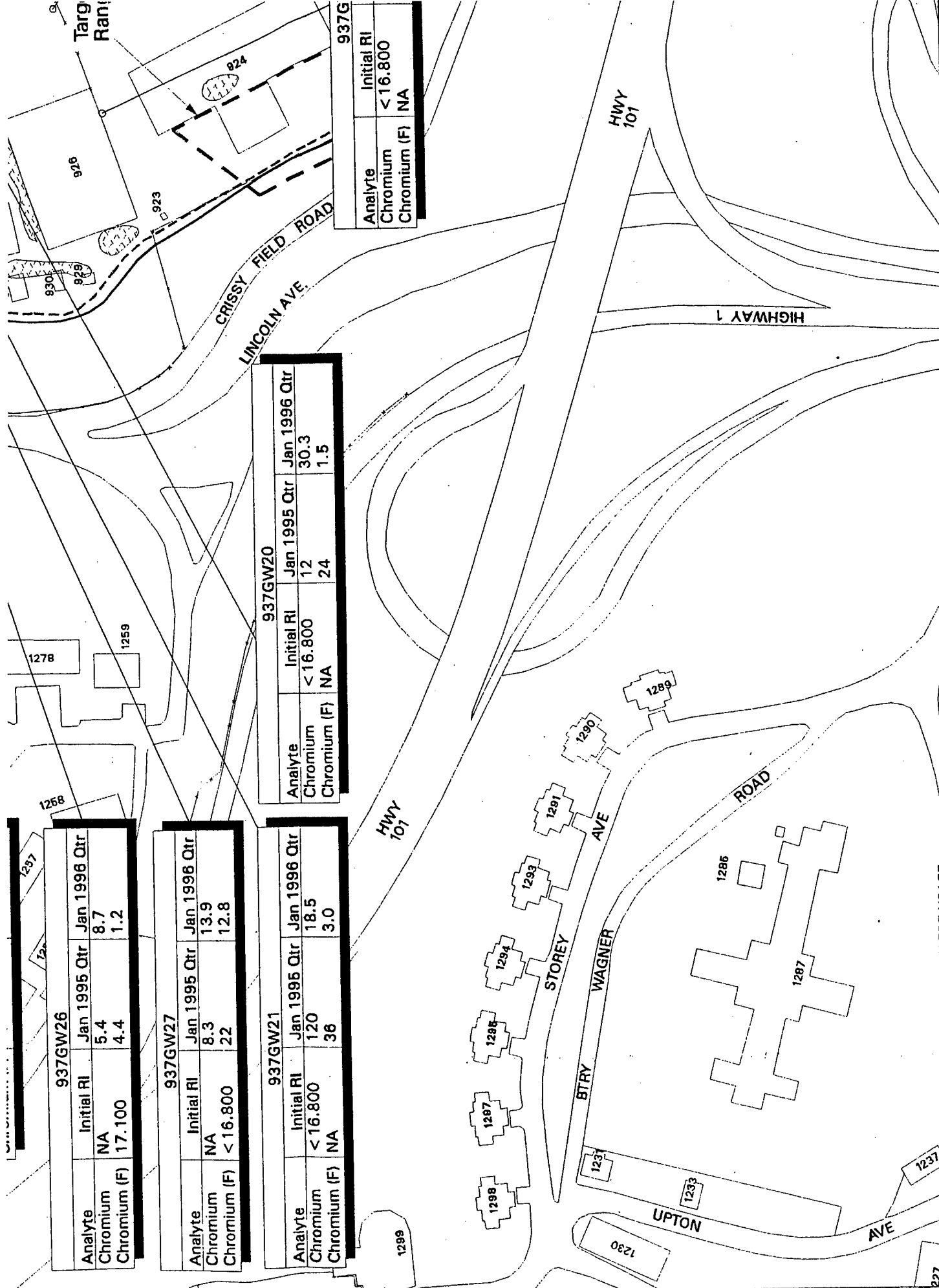
| 937GW36 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 200 | 8.2 | 5.3 |
| Chromium (F) | 6.4 | 18 | 4.1 |

| 937GW02 | | |
|----------|------------|--|
| Analyte | Initial RI | |
| Chromium | 545.545 | |

| 937GW12 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | 47 | 36.9 | |
| Chromium (F) | 18 | 5.2 | |

| 937GW26 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | NA | 5.4 | 8.7 |
| Chromium (F) | 17.100 | 4.4 | 1.2 |

| 937GW27 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | NA | 8.3 | 13.9 |
| Chromium (F) | <16.800 | 22 | 12.8 |



| 937GW26 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | NA | 5.4 | 8.7 | |
| Chromium (F) | 17.100 | 4.4 | 1.2 | |

| 937GW27 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | NA | 8.3 | 13.9 | |
| Chromium (F) | < 16.800 | 22 | 12.8 | |




| 937GW21 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | < 16.800 | 120 | 18.5 | |
| Chromium (F) | NA | 36 | 3.0 | |

| 937GW20 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | < 16.800 | 12 | 30.3 | |
| Chromium (F) | NA | 24 | 1.5 | |

| 937G | | |
|--------------|------------|--|
| Analyte | Initial RI | |
| Chromium | < 16.800 | |
| Chromium (F) | NA | |

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

EXPLANATION

- SHALLOW MONITORING WELL
- MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| low-on RI | | Jan 1996 Qtr |
|-----------|-----|--------------|
| 00 | 2.1 | |
| 00 | 1.2 | |

| 937GW35 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Chromium | 15 | 29.1 | |
| Chromium (F) | 8.8 | 6.2 | |

Trace
k Outcrop

San Francisco Bay

| 937GW23 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | NA | 5.9 | 12.8 |
| Chromium (F) | <16.800 | 2.9 | <5.0 |

| 937GW33 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 11 | 9.8 |
| Chromium (F) | 4.7 | 7.1 |

| 937GW10 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 8.6 | 53.0 |
| Chromium (F) | NA | 4.9 | <5.0 |

| 937GW06 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 19 | 35.3 |
| Chromium (F) | NA | 9.9 | 2.9 |

Chromium (F) 4.7

1.1

San Francisco Bay

Shoreline

Building 900s Series
Study Area Boundary

MARINE DRIVE

| 937GW10 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 8.6 | 53.0 |
| Chromium (F) | NA | 4.9 | <5.0 |

| 937GW06 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 19 | 35.3 |
| Chromium (F) | NA | 9.9 | 2.9 |

| 937GW24 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | NA | 3.2 | <10.0 |
| Chromium (F) | <16.800 | <4.2 U4 | <1.0 |

| 937GW05 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 62 | 19.9 |
| Chromium (F) | NA | 13 | 1.6 |

| 937GW08 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 11 | 24.3 |
| Chromium (F) | NA | 2.6 | 5.1 |

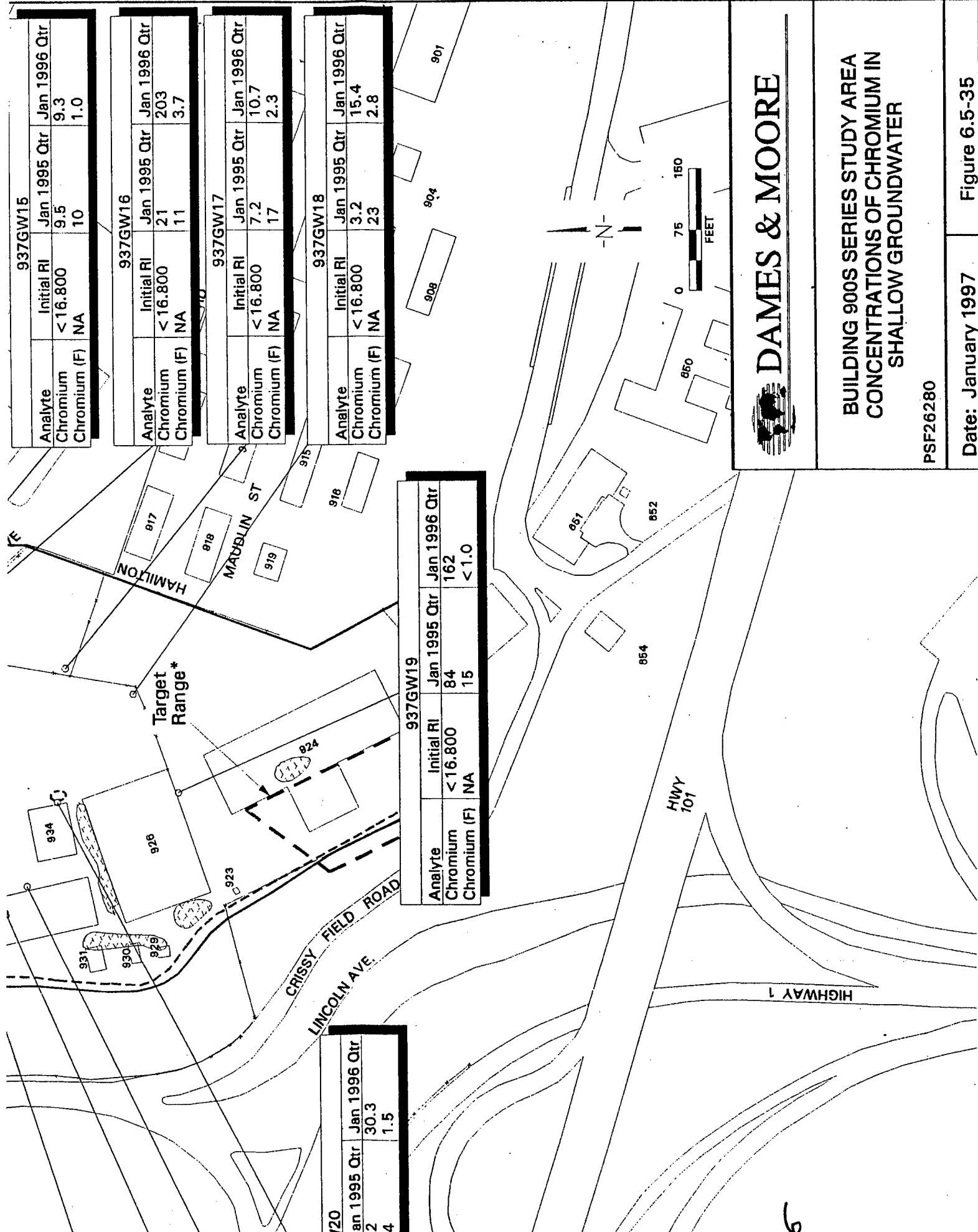
| 937GW04 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 14 | 17.1 |
| Chromium (F) | NA | 2.0 | 1.0 |

| 937GW07 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 36 | 59.6 |
| Chromium (F) | NA | 4.7 | 3.8 |

| 937GW03 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 11 | 5.1 |
| Chromium (F) | NA | 11 | 2.0 |

| 937GW37 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 140 | 1500 | 685 |
| Chromium (F) | 8.7 | 12 | 3.9 |

| 937GW15 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 9.5 | 9.3 |
| Chromium (F) | NA | 10 | 1.0 |



| 937GW15 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 9.5 | 9.3 |
| Chromium (F) | NA | 10 | 1.0 |

| 937GW16 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 21 | 203 |
| Chromium (F) | NA | 11 | 3.7 |

| 937GW17 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 7.2 | 10.7 |
| Chromium (F) | NA | 17 | 2.3 |

| 937GW18 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 3.2 | 15.4 |
| Chromium (F) | NA | 23 | 2.8 |

| 937GW19 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 84 | 162 |
| Chromium (F) | NA | 15 | <1.0 |

| 937GW20 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | <16.800 | 30.3 | 1.5 |
| Chromium (F) | NA | 4 | 1.5 |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF CHROMIUM IN
SHALLOW GROUNDWATER**

PSF26280

| 979GW03 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Copper | NA | <1.00 | 11 | |
| Copper (F) | <8.090 | 2.45 m | 14 | |

| 979GW04 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Copper | <8.090 | 3.56 f | 77 | |
| Copper (F) | <8.090 | 24.6 | 79 | |

| 979GW02 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Copper | NA | 2.99 f | <2.2 U4 | |
| Copper (F) | <8.090 | 4.81 | <2.8 U4 | |

| 979GW01 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Copper | <8.090 | <1.00 | 1.9 | |
| Copper (F) | <8.090 | 6.63 | 1.6 | |

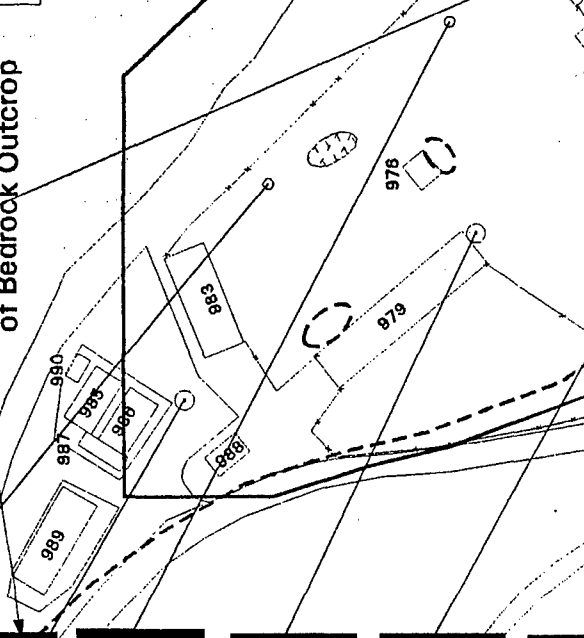
| 937GW34R | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | <1.0 | <1.0 | |
| Copper (F) | 1.3 | 1.4 | |

| 937GW22 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |

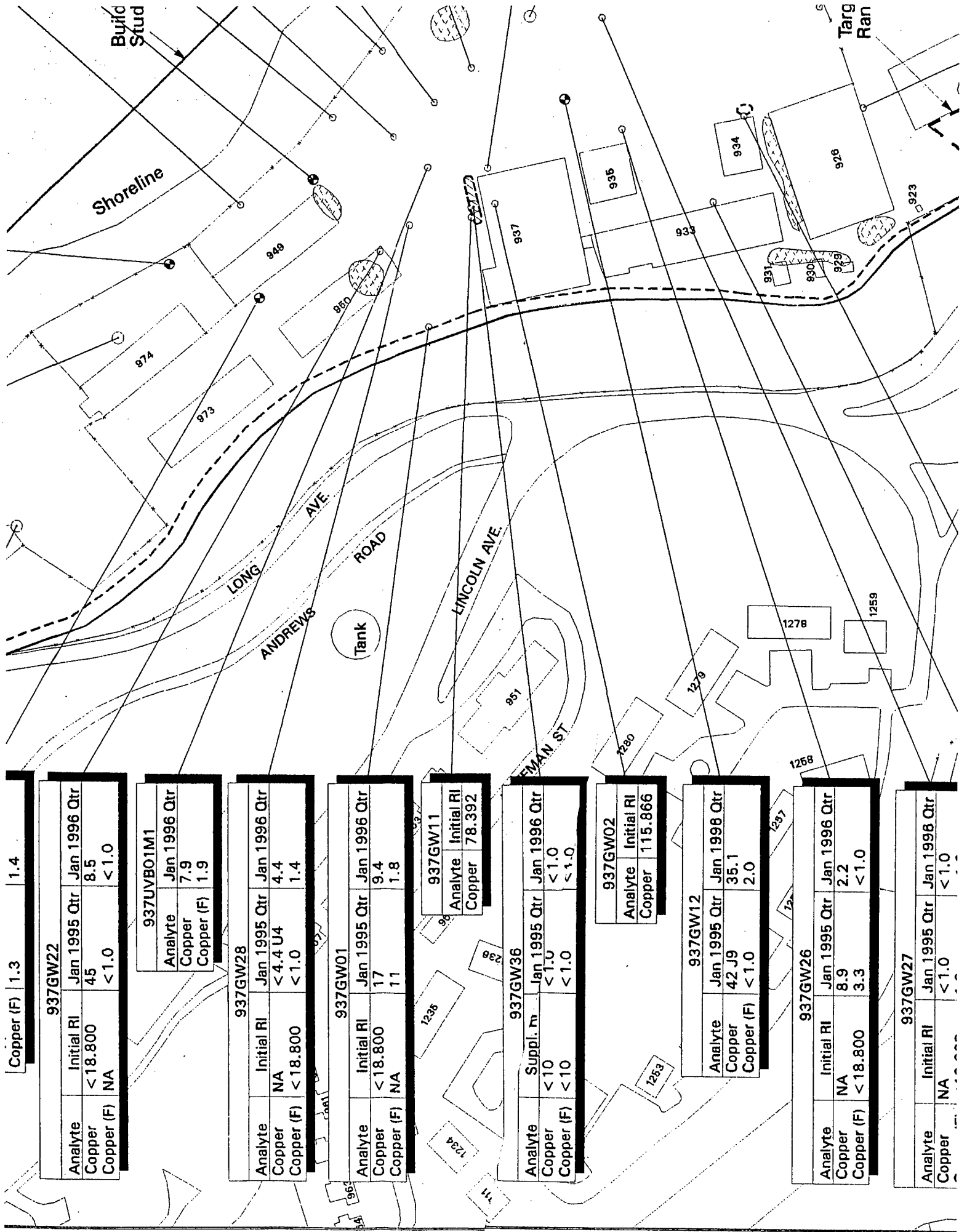
| 979GW07 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Copper | NA | <1.00 | 1.2 | |
| Copper (F) | <8.090 | <1.00 | 5.8 | |

| 937GW35 | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | 3.8 | 1.2 | |
| Copper (F) | 2.7 | 2.7 | |

Surface Trace
of Bedrock Outcrop



San Francisco



| Copper (F) | | 1.3 | 1.4 |
|------------|------------|--------------|--------------|
| 937GW22 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 45 | 8.5 |
| Copper (F) | NA | <1.0 | <1.0 |

| 937UVB01M1 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Copper | 7.9 |
| Copper (F) | 1.9 |

| 937GW28 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | <4.4 U4 | 4.4 |
| Copper (F) | <18.800 | <1.0 | 1.4 |

| 937GW01 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 17 | 9.4 |
| Copper (F) | NA | 11 | 1.8 |

| 937GW11 | |
|---------|------------|
| Analyte | Initial RI |
| Copper | 78.392 |

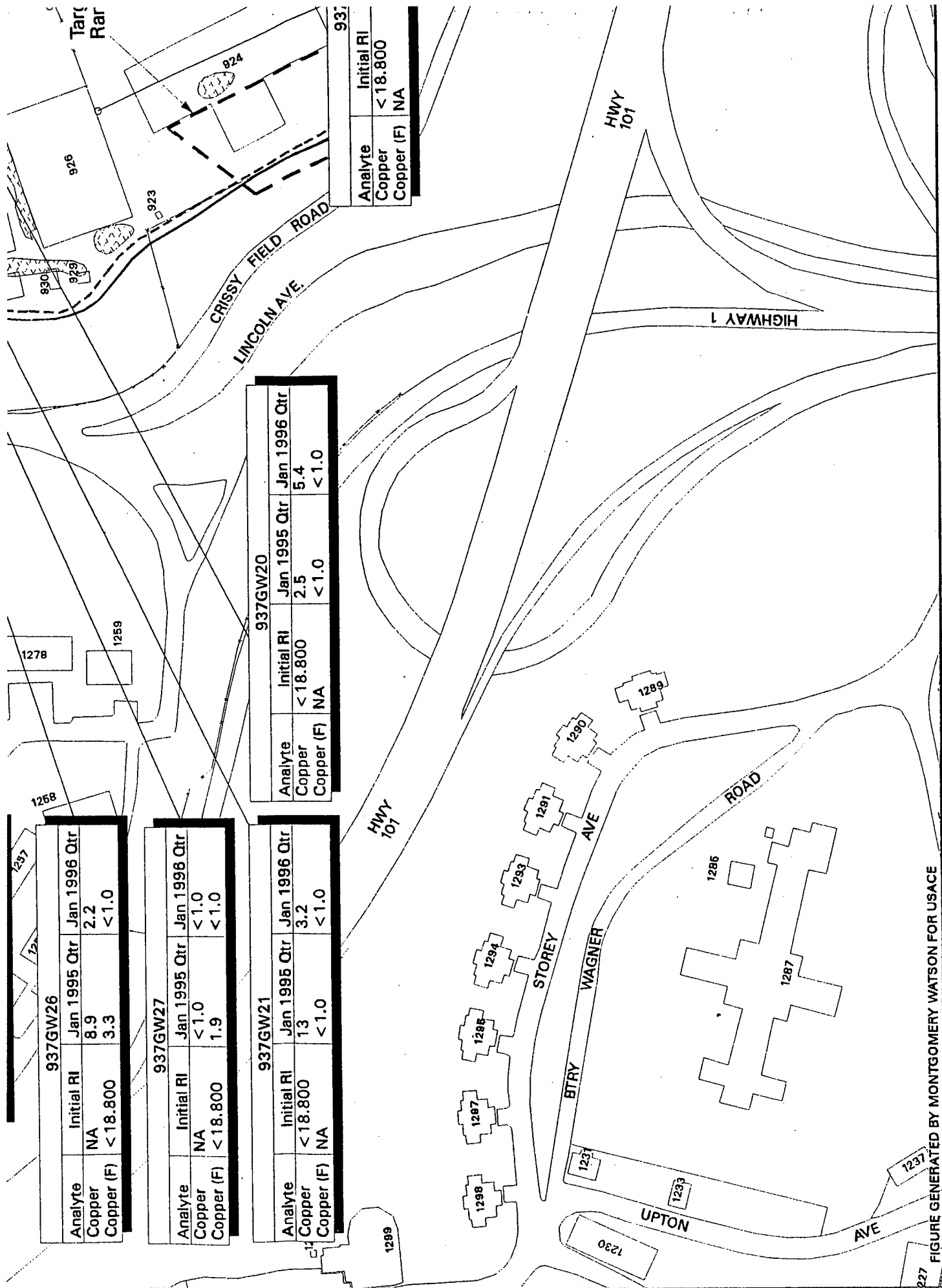
| 937GW36 | | | |
|------------|----------|--------------|--------------|
| Analyte | Suppl. m | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <10 | <1.0 | <1.0 |
| Copper (F) | <10 | <1.0 | <1.0 |

| 937GW02 | |
|---------|------------|
| Analyte | Initial RI |
| Copper | 115.866 |

| 937GW12 | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | 42 J9 | 35.1 | |
| Copper (F) | <1.0 | 2.0 | |

| 937GW26 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | 8.9 | 2.2 |
| Copper (F) | <18.800 | 3.3 | <1.0 |

| 937GW27 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | <1.0 | <1.0 |



| 937GW26 | | | | |
|------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | NA | 8.9 | 2.2 | |
| Copper (F) | <18.800 | 3.3 | <1.0 | |




| 937GW27 | | | | |
|------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | NA | <1.0 | <1.0 | |
| Copper (F) | <18.800 | 1.9 | <1.0 | |

| 937GW21 | | | | |
|------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | <18.800 | 13 | 3.2 | |
| Copper (F) | NA | <1.0 | <1.0 | |

| 937GW20 | | | | |
|------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Copper | <18.800 | 2.5 | 5.4 | |
| Copper (F) | NA | <1.0 | <1.0 | |

| 937 | | |
|------------|------------|--|
| Analyte | Initial RI | |
| Copper | <18.800 | |
| Copper (F) | NA | |

EXPLANATION

- SHALLOW MONITORING WELL
- MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
 2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
 3. (F) INDICATES FILTERED SAMPLE.
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW35 | |
|------------|--------------|
| Analyte | Jan 1995 Qtr |
| Copper | 1.2 |
| Copper (F) | 2.7 |

| 937GW35 | |
|------------|--------------|
| Analyte | Jan 1995 Qtr |
| Copper | 3.8 |
| Copper (F) | 2.7 |

Trace
 Rock Outcrop

| 937GW23 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | 3.0 | <5.0 |
| Copper (F) | <18.800 | <2.0 | <5.0 |

| 937GW33 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | 4.4 | 1.6 |
| Copper (F) | <1.0 | 1.4 |

| 937GW10 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 26 | 35.4 |
| Copper (F) | NA | 15 | 11.3 |

| 937GW06 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 7.3 | 4.5 |
| Copper (F) | NA | 2.8 | 3.3 |

San Francisco Bay

San Francisco Bay

Shoreline

Building 900s Series
Study Area Boundary

MARINE DRIVE

AVE.

976

974

973

949

950

937

935

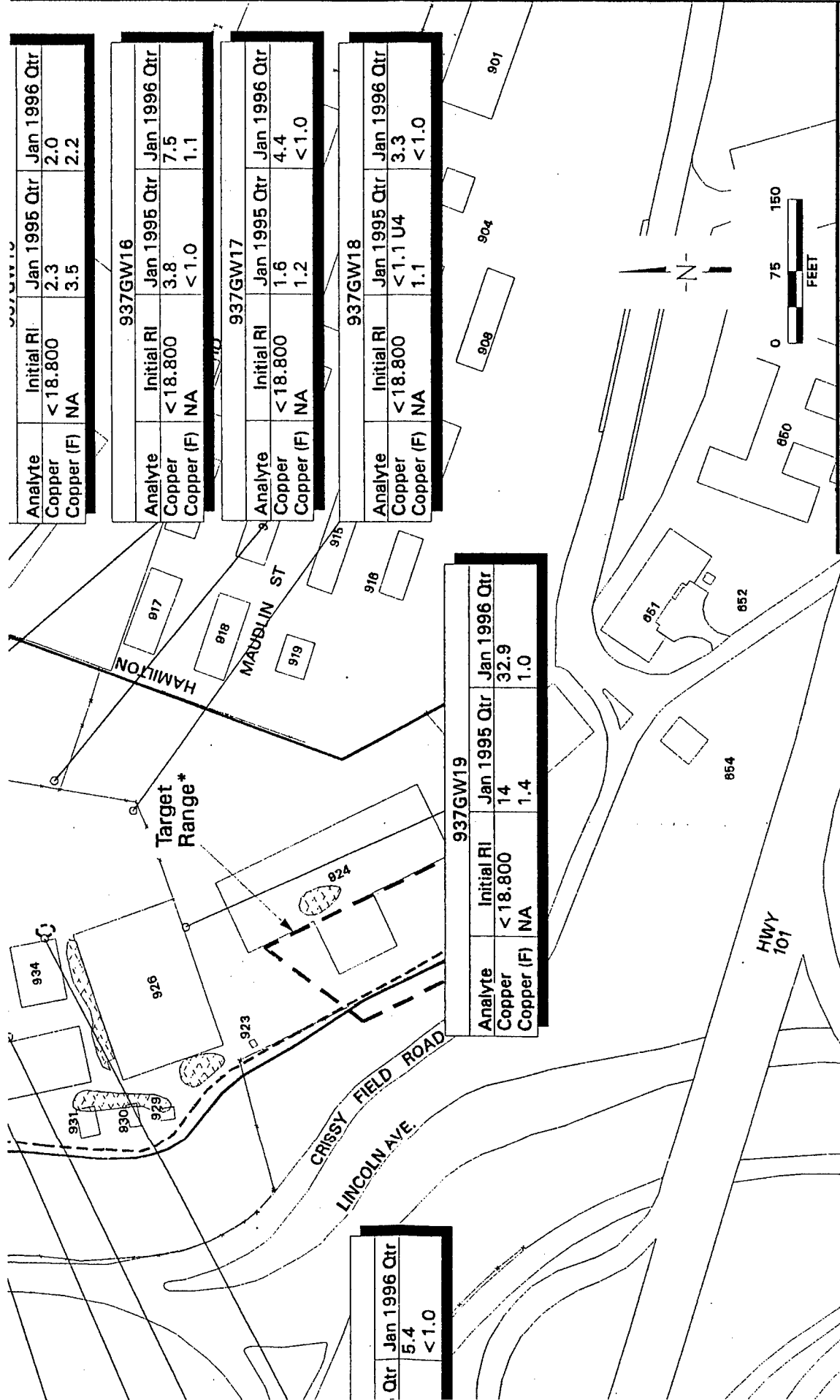
933

934

992

5

| Copper (F) | | 1.4 |
|------------|------------|--------------|
| 937GW10 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 26 |
| Copper (F) | NA | 15 |
| 937GW06 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 7.3 |
| Copper (F) | NA | 2.8 |
| 937GW24 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | NA | 4.3 |
| Copper (F) | 21.200 | <5.7 U4 |
| 937GW05 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 6.6 |
| Copper (F) | NA | 2.9 |
| 937GW08 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 6.3 |
| Copper (F) | NA | 11 |
| 937GW04 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 5.2 |
| Copper (F) | NA | 3.4 |
| 937GW07 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 7.6 |
| Copper (F) | NA | 8.0 |
| 937GW03 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 1.6 |
| Copper (F) | NA | <1.0 |
| 937GW37 | | |
| Analyte | Suppl. RI | Jan 1995 Qtr |
| Copper | 10 | 8.8 J9 |
| Copper (F) | <10 | 3.1 |
| 937GW15 | | |
| Analyte | Initial RI | Jan 1995 Qtr |
| Copper | <18.800 | 2.3 |
| Copper (F) | NA | 3.5 |



| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|------------|--------------|--------------|
| Copper | <18.800 | 2.3 | 2.0 |
| Copper (F) | NA | 3.5 | 2.2 |

| 937GW16 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 3.8 | 7.5 |
| Copper (F) | NA | <1.0 | 1.1 |

| 937GW17 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 1.6 | 4.4 |
| Copper (F) | NA | 1.2 | <1.0 |

| 937GW18 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | <1.1 U4 | 3.3 |
| Copper (F) | NA | 1.1 | <1.0 |

| 937GW19 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | <18.800 | 14 | 32.9 |
| Copper (F) | NA | 1.4 | 1.0 |

| Qtr | | Jan 1996 Qtr |
|-----|--|--------------|
| | | 5.4 |
| | | <1.0 |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF COPPER IN
SHALLOW GROUNDWATER**

PSF26264

| 979GW03 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Lead | NA | 0.830 f | < 1.0 |
| Lead (F) | < 2.500 a | < 0.735 | < 1.0 |

| 979GW04 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Lead | NA | 1.75 f | < 1.0 |
| Lead (F) | < 1.260 | 1.26 | < 1.0 |

| 979GW02 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Lead | NA | 2.00 f | < 1.0 |
| Lead (F) | < 1.260 | < 0.735 | < 1.0 |

| 979GW01 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Lead | NA | 1.08 f | < 1.0 |
| Lead (F) | 7.810 | < 0.735 | < 1.0 |

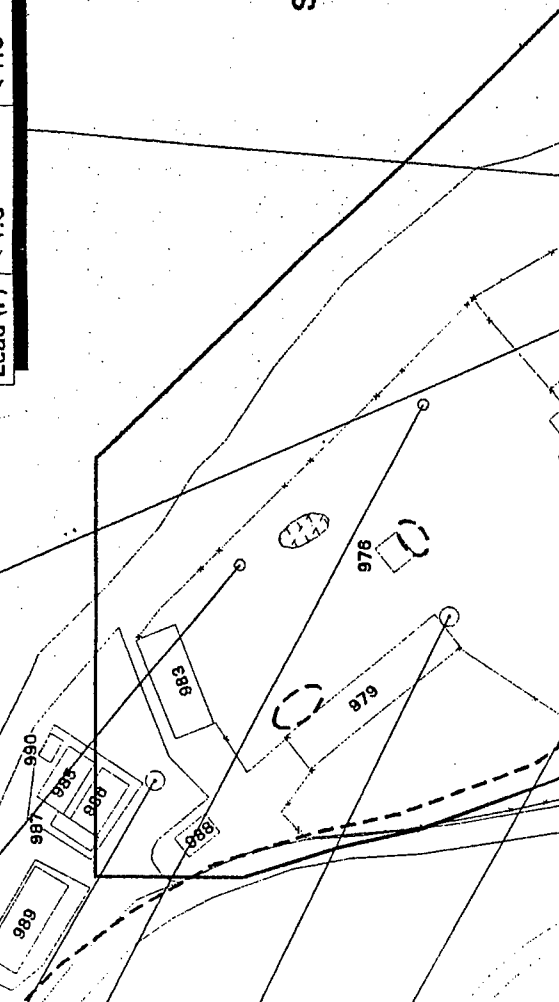
| 937GW34R | | | |
|----------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Lead | 1.0 | < 1.0 | |
| Lead (F) | < 1.0 | 1.2 | |

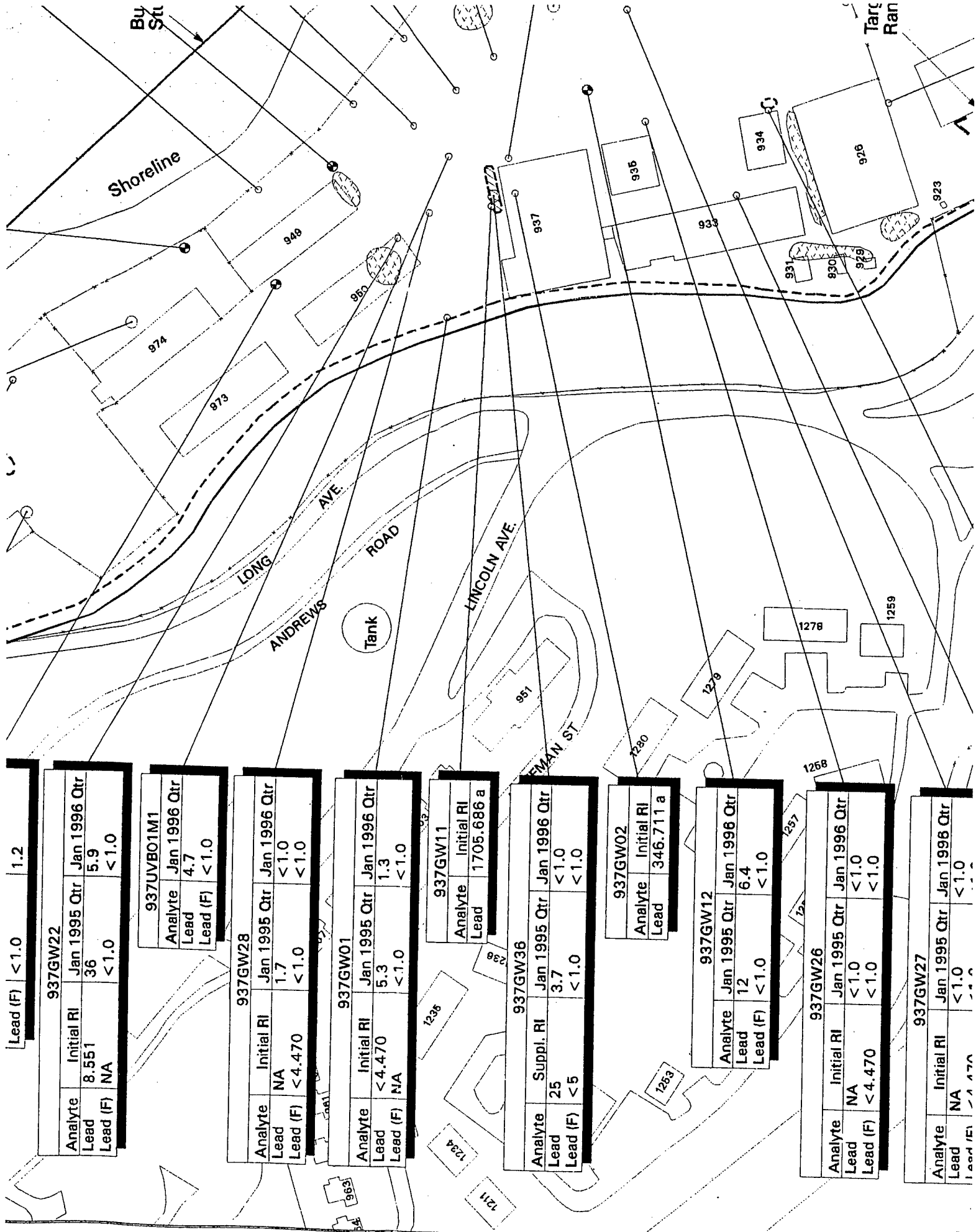
| 937GW22 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| | | | |

| 979GW07 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Lead | NA | 1.21 f | < 1.0 |
| Lead (F) | < 1.260 | < 0.735 | 1.5 |

| 937GW35 | | | |
|----------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Lead | < 1.0 | < 1.0 | |
| Lead (F) | < 1.0 | < 1.0 | |

Surface Trace
of Bedrock Outcrop





| Lead (F) <1.0 1.2 | | | |
|-----------------------|------------|--------------|--------------|
| 937GW22 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 8.551 | 36 | 5.9 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937UWBO1M1 | | | |
|------------|--------------|--|--|
| Analyte | Jan 1996 Qtr | | |
| Lead | 4.7 | | |
| Lead (F) | <1.0 | | |

| 937GW28 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | 1.7 | <1.0 |
| Lead (F) | <4.470 | <1.0 | <1.0 |

| 937GW01 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 5.3 | 1.3 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW11 | | | |
|---------|------------|--|--|
| Analyte | Initial RI | | |
| Lead | 1705.686 a | | |

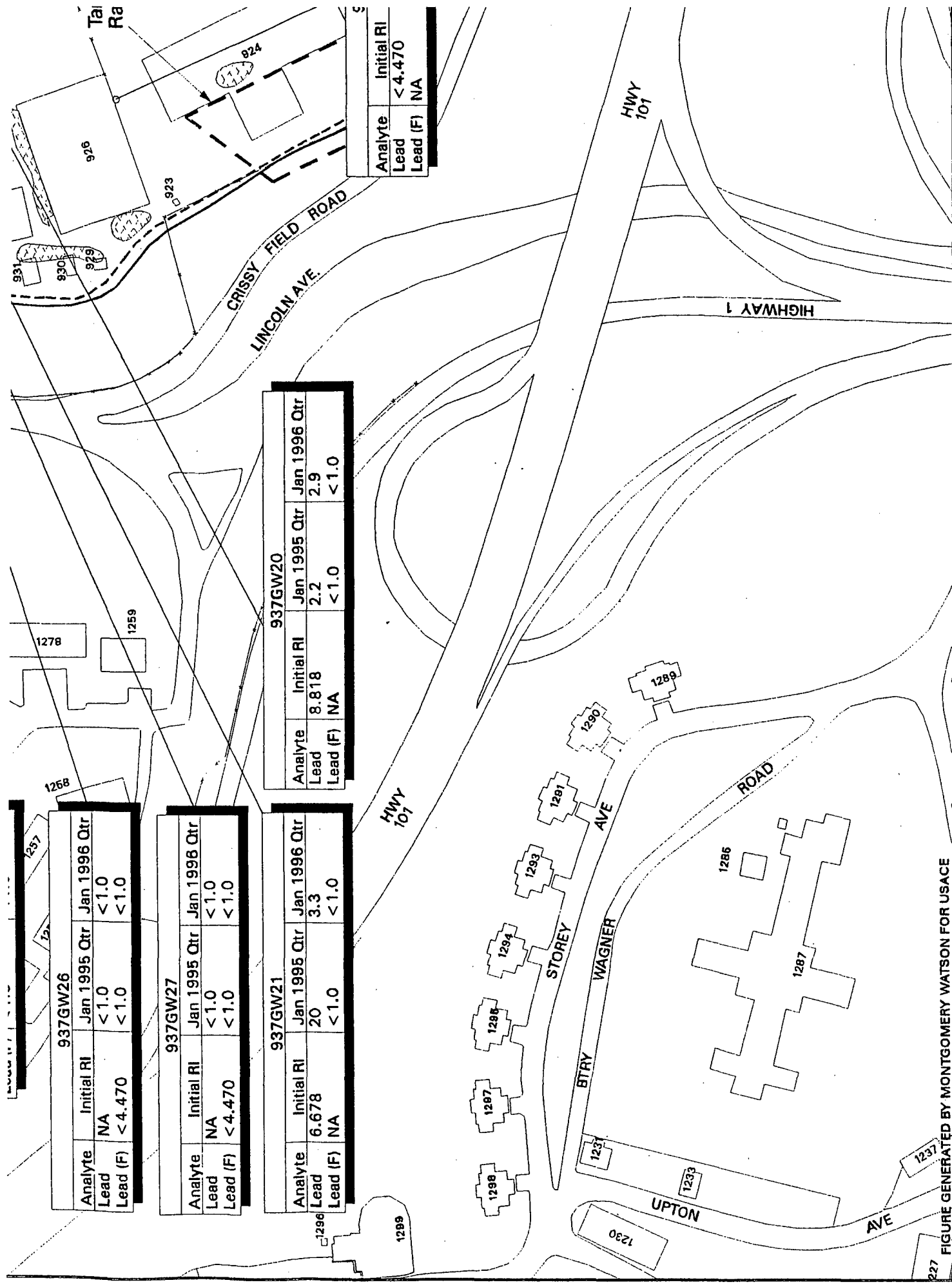
| 937GW36 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 25 | 3.7 | <1.0 |
| Lead (F) | <5 | <1.0 | <1.0 |

| 937GW02 | | | |
|---------|------------|--|--|
| Analyte | Initial RI | | |
| Lead | 346.711 a | | |

| 937GW12 | | | |
|----------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Lead | 12 | 6.4 | |
| Lead (F) | <1.0 | <1.0 | |

| 937GW26 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | <1.0 | <1.0 |
| Lead (F) | <4.470 | <1.0 | <1.0 |

| 937GW27 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | <1.0 | <1.0 |
| Lead (F) | <4.470 | <1.0 | <1.0 |



| 937GW26 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | < 1.0 | < 1.0 |
| Lead (F) | < 4.470 | < 1.0 | < 1.0 |

| 937GW27 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | < 1.0 | < 1.0 |
| Lead (F) | < 4.470 | < 1.0 | < 1.0 |

| 937GW21 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 6.678 | 20 | 3.3 |
| Lead (F) | NA | < 1.0 | < 1.0 |

| 937GW20 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 8.818 | 2.2 | 2.9 |
| Lead (F) | NA | < 1.0 | < 1.0 |

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

EXPLANATION

- SHALLOW MONITORING WELL
- MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES

APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA

APPROXIMATE LOCATIONS OF FORMER USTs

STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW35 | |
|----------|--------------|
| Analyte | Jan 1996 Qtr |
| Lead | <1.0 |
| Lead (F) | 1.5 |

| 937GW35 | |
|----------|--------------|
| Analyte | Jan 1995 Qtr |
| Lead | <1.0 |
| Lead (F) | <1.0 |

ace Trace
brook Outcrop

| 937GW23 | |
|----------|------------|
| Analyte | Initial RI |
| Lead | NA |
| Lead (F) | <4.470 |
| Lead (F) | <1.0 |
| Lead (F) | <1.0 |
| Lead (F) | <5.0 |
| Lead (F) | <5.0 |

| 937GW33 | |
|----------|--------------|
| Analyte | Jan 1995 Qtr |
| Lead | 11 |
| Lead (F) | <1.0 |
| Lead (F) | 1.6 |
| Lead (F) | <1.0 |

| 937GW10 | |
|----------|------------|
| Analyte | Initial RI |
| Lead | 6.410 |
| Lead (F) | NA |
| Lead (F) | <1.0 |
| Lead (F) | 16.4 |
| Lead (F) | <5.0 |

| 937GW06 | |
|----------|------------|
| Analyte | Initial RI |
| Lead | <4.470 |
| Lead (F) | NA |
| Lead (F) | <1.0 |
| Lead (F) | <1.0 |
| Lead (F) | 2.9 |
| Lead (F) | <1.0 |

San Francisco Bay



976

| | | |
|----------|------|------|
| Lead | 11 | 1.6 |
| Lead (F) | <1.0 | <1.0 |

| 937GW10 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 6.410 | 14 | 16.4 |
| Lead (F) | NA | <1.0 | <5.0 |

| 937GW06 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | <1.0 | 2.9 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW24 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | 3.4 | <5.0 |
| Lead (F) | <4.470 | <1.0 | <5.0 |

| 937GW05 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 5.5 | 1.6 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW08 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 6.678 | 3.3 | <5.0 |
| Lead (F) | NA | <1.0 | <5.0 |

| 937GW04 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 6.132 | 2.6 | 2.6 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW07 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 5.864 | 74 | 64.2 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW03 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 5.8 | 8.4 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW37 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <5 | 3.3 | 7.1 |
| Lead (F) | <5 | <1.0 | <1.0 |

| 937GW15 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 5.596 | 11 | 3.3 |

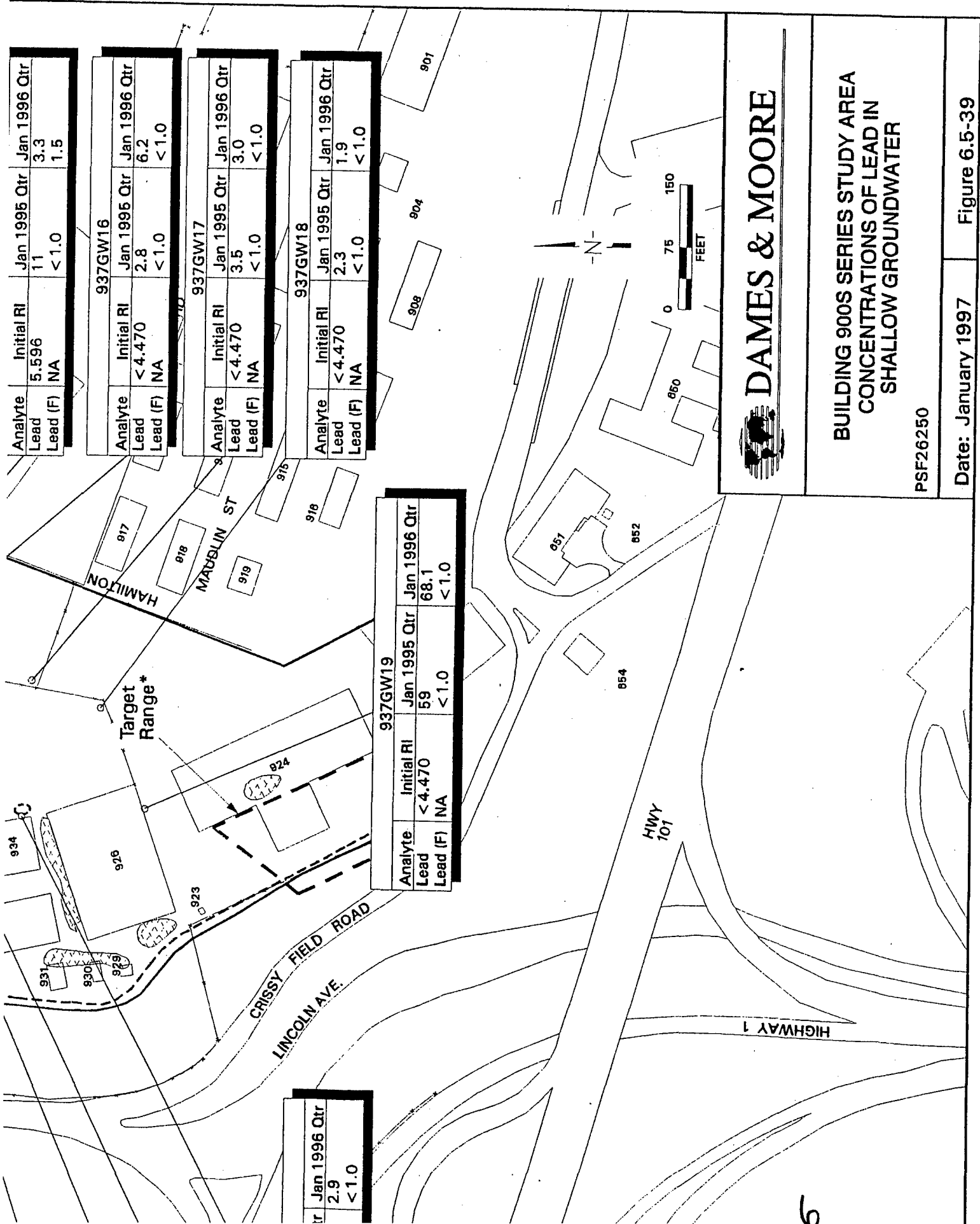
San Francisco Bay

Shoreline

Building 900s Series
Study Area Boundary

MARINE DRIVE

5



| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----------|------------|--------------|--------------|
| Lead | 5.596 | 11 | 3.3 |
| Lead (F) | NA | <1.0 | 1.5 |

| 937GW16 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 2.8 | 6.2 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW17 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 3.5 | 3.0 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW18 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 2.3 | 1.9 |
| Lead (F) | NA | <1.0 | <1.0 |

| 937GW19 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <4.470 | 59 | 68.1 |
| Lead (F) | NA | <1.0 | <1.0 |

| Jan 1996 Qtr | |
|--------------|------|
| 2.9 | <1.0 |

DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF LEAD IN
SHALLOW GROUNDWATER**

PSF26250

| 979GW03 | | | | |
|---------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Manganese | NA | 132 | <10 | |
| Manganese (F) | <2.750 | <6.00 | <10 | |

| 979GW04 | | | | |
|---------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Manganese | 791.000 | 949 a | 140 | |
| Manganese (F) | 434.000 | 197 | 110 | |

| 979GW02 | | | | |
|---------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Manganese | NA | 206 | 28 | |
| Manganese (F) | 109.000 | 97.0 | 18 | |

| 979GW01 | | | | |
|---------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Manganese | 2160.000 | 5020 | 1900 | |
| Manganese (F) | 1680.000 | 1030 | 2000 | |

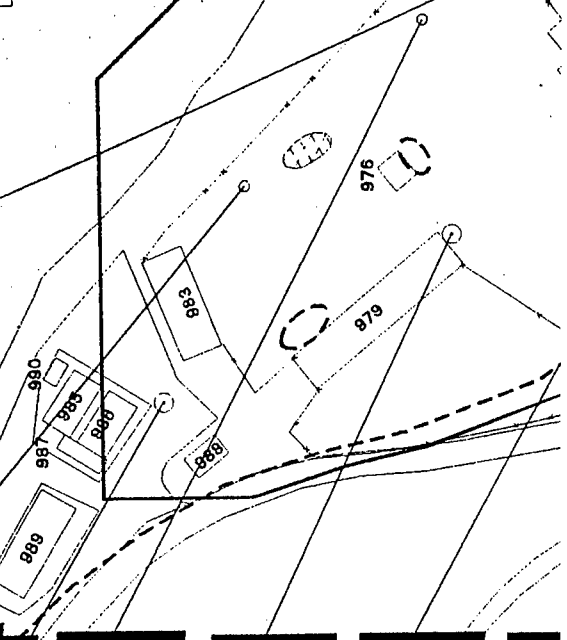
| 937GW34R | | | | |
|---------------|--------------|--------------|--|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | | |
| Manganese | 1600 | 549 | | |
| Manganese (F) | 1600 | 434 | | |

| 937GW22 | | | | |
|---------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |

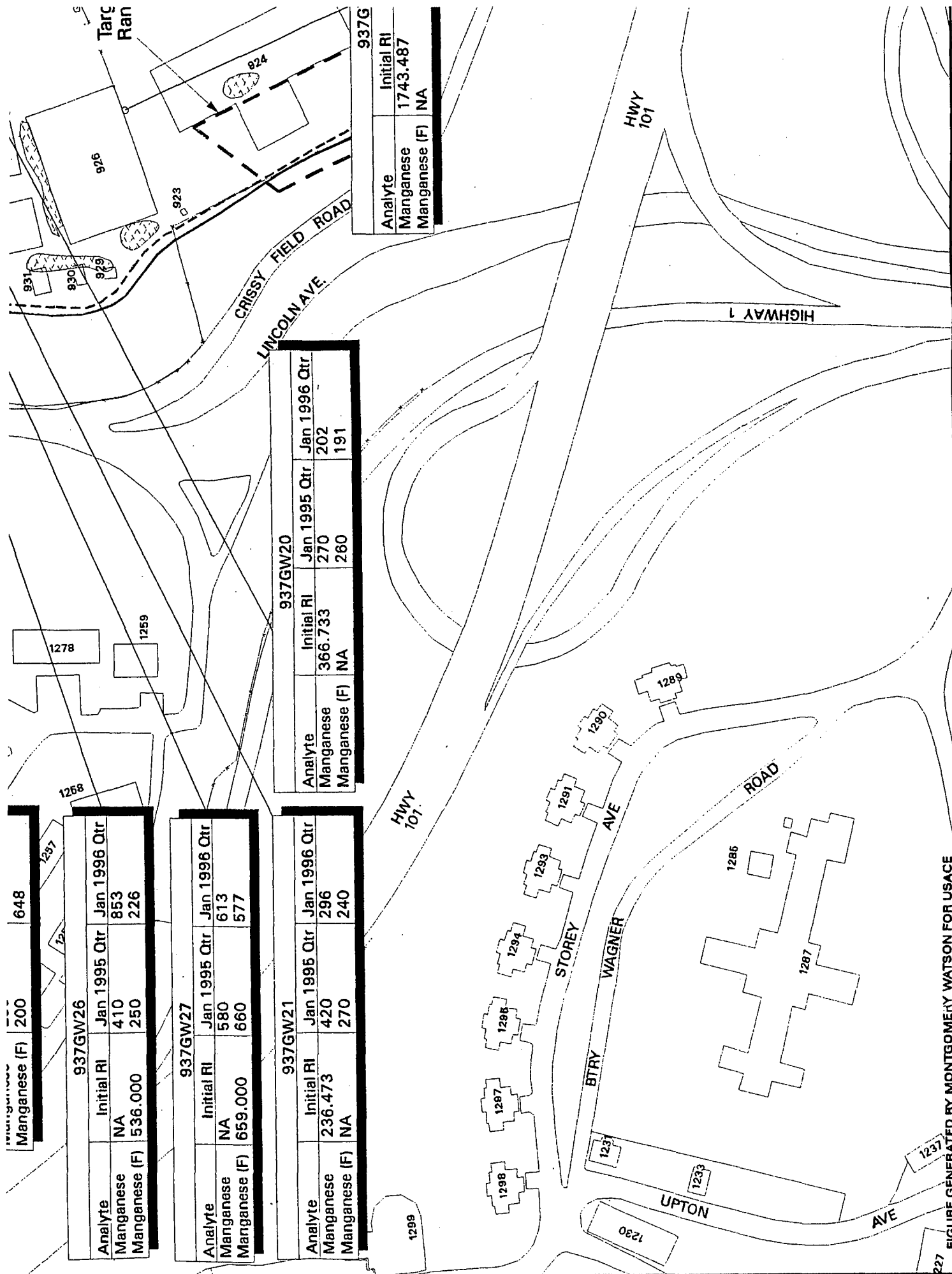
| 979GW07 | | | | |
|---------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Manganese | NA | 365 | 290 | |
| Manganese (F) | 371.000 | 340 | 280 | |

| 937GW35 | | | | |
|---------------|--------------|--------------|--|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | | |
| Manganese | 30 | 40.9 | | |
| Manganese (F) | 29 | 31.6 | | |

Surface Trace
of Bedrock Outcrop



San Francisco



| | | | |
|---------------|--|-----|-----|
| Manganese (F) | | 200 | 648 |
|---------------|--|-----|-----|

| 937GW26 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | NA | 410 | 853 |
| Manganese (F) | 536.000 | 250 | 226 |

| 937GW27 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | NA | 580 | 613 |
| Manganese (F) | 659.000 | 660 | 577 |

| 937GW21 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 236.473 | 420 | 296 |
| Manganese (F) | NA | 270 | 240 |

| 937GW20 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 366.733 | 270 | 202 |
| Manganese (F) | NA | 280 | 191 |

| 937G | | |
|---------------|------------|--|
| Analyte | Initial RI | |
| Manganese | 1743.487 | |
| Manganese (F) | NA | |

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

EXPLANATION

- SHALLOW MONITORING WELL
- MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES

APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA

APPROXIMATE LOCATIONS OF FORMER USTs

STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| GW07 | | |
|--------------|--------------|--|
| Follow-on RI | Jan 1996 Qtr | |
| 365 | 290 | |
| 340 | 280 | |

| 937GW35 | | | |
|---------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 30 | 40.9 | |
| Manganese (F) | 29 | 31.6 | |

face Trace
drock Outcrop

San Francisco Bay

| 937GW23 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | NA | 18 | 56.5 |
| Manganese (F) | 200.000 | 17 | 60.7 |

| 937GW33 | | |
|---------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 55 | 32.3 |
| Manganese (F) | <10 | <10.0 |

| 937GW10 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 327.655 | 62 | 104 |
| Manganese (F) | NA | 23 | <40.0 |

| 937GW06 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 814.629 | 810 | 748 |
| Manganese (F) | NA | 890 | 349 |

937GW74

San Francisco Bay

Shoreline

Building 900s Series
Study Area Boundary

AVE

MARINE DRIVE

5

| 937GW10 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 327.655 | 62 | 104 | |
| Manganese (F) | NA | 23 | < 40.0 | |

| 937GW06 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 814.629 | 810 | 748 | |
| Manganese (F) | NA | 890 | 349 | |

| 937GW24 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | NA | < 10 | 82.3 | |
| Manganese (F) | 232.000 | 13 | < 40.0 | |

| 937GW05 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 1533.066 | 1000 | 234 | |
| Manganese (F) | NA | 1200 | 135 | |

| 937GW08 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 42.285 | < 50 | 53.8 | |
| Manganese (F) | NA | < 50 | < 10.0 | |

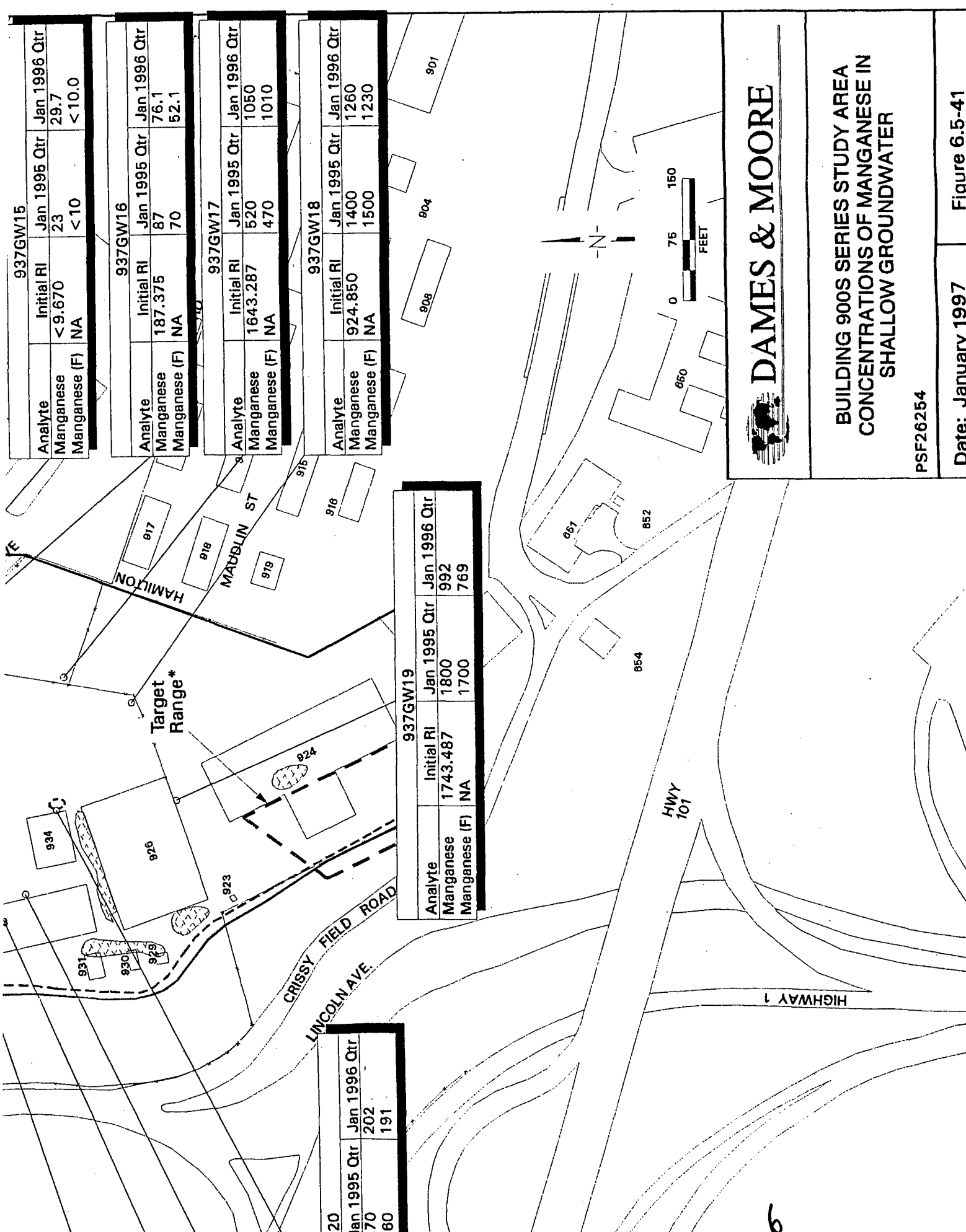
| 937GW04 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 1533.066 | 530 | 871 | |
| Manganese (F) | NA | 360 | 499 | |

| 937GW07 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 349.699 | 200 | 221 | |
| Manganese (F) | NA | < 50 | < 10.0 | |

| 937GW03 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 467.936 | 360 | 154 | |
| Manganese (F) | NA | 410 | 165 | |

| 937GW37 | | | | |
|---------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | 460 | 140 | 37.8 | |
| Manganese (F) | 420 | 140 | < 10.0 | |

| 937GW15 | | | | |
|---------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Manganese | < 9.670 | 23 | 29.7 | |
| Manganese (F) | NA | < 10 | < 10.0 | |



| 937GW15 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | <9.670 | 23 | 29.7 |
| Manganese (F) | NA | <10 | <10.0 |

| 937GW16 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 187.375 | 87 | 76.1 |
| Manganese (F) | NA | 70 | 52.1 |

| 937GW17 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 1643.287 | 520 | 1050 |
| Manganese (F) | NA | 470 | 1010 |

| 937GW18 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 924.850 | 1400 | 1260 |
| Manganese (F) | NA | 1500 | 1230 |

| 937GW19 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 1743.487 | 1800 | 992 |
| Manganese (F) | NA | 1700 | 769 |

| V20 | | |
|--------------|--------------|--|
| Jan 1995 Qtr | Jan 1996 Qtr | |
| 270 | 202 | |
| 260 | 191 | |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF MANGANESE IN
SHALLOW GROUNDWATER**

PSF26254

| 979GW03 | | | | |
|------------|------------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Nickel | 22,800 d | 28.2 | 17 | |
| Nickel (F) | < 34,300 d | 17.0 | 14 | |

| 979GW04 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Nickel | 617,000 | 192 a | 27 | |
| Nickel (F) | 48,700 | 35.3 | 16 | |

| 979GW02 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Nickel | NA | 16.1 | 64 | |
| Nickel (F) | < 34,300 | 5.90 | < 5.0 | |

| 979GW01 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Nickel | 33,100 d | 63.3 | 32 | |
| Nickel (F) | < 34,300 | 68.4 a | 31 | |

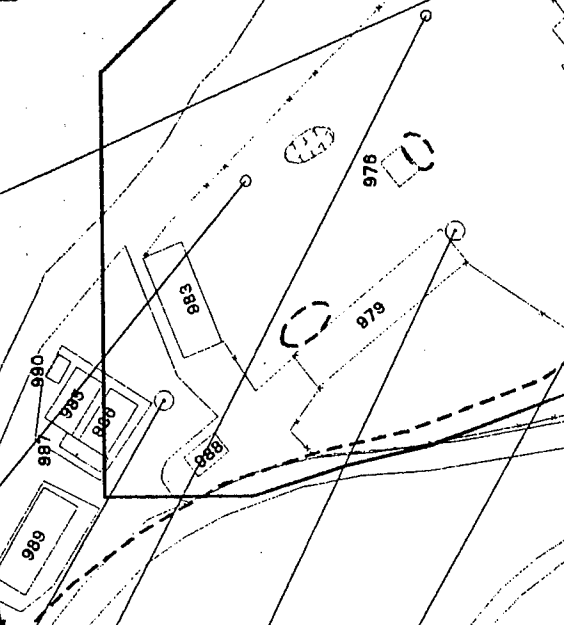
| 937GW34R | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Nickel | < 5.0 | 9.1 | |
| Nickel (F) | < 5.0 | 9.1 | |

| 937GW22 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |

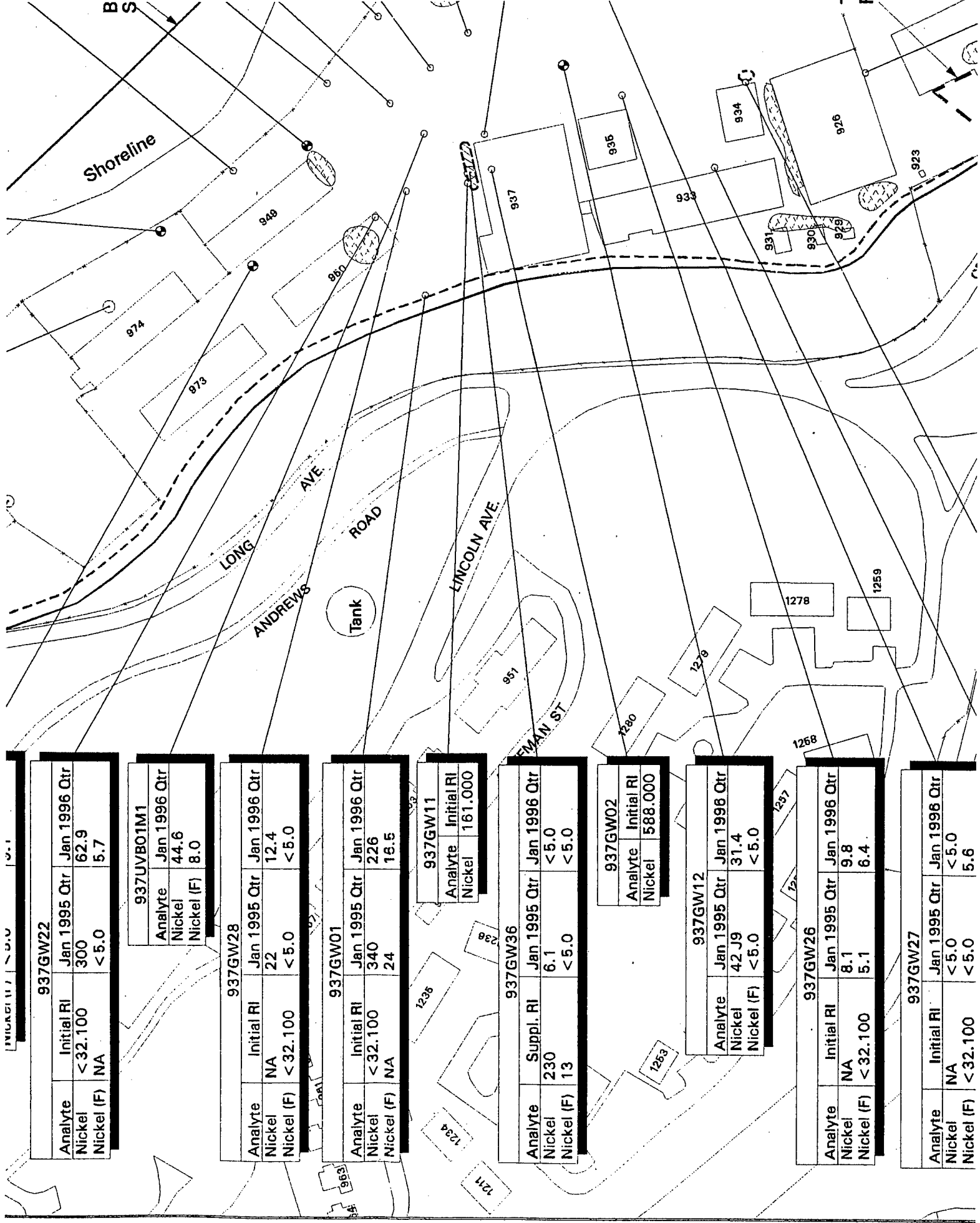
| 979GW07 | | | | |
|------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Nickel | NA | 10.1 f | 13 | |
| Nickel (F) | < 34,300 | 10.1 | < 5.0 | |

| 937GW35 | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Nickel | 5.2 | 6.5 | |
| Nickel (F) | 5.4 | < 5.0 | |

Surface Trace
of Bedrock Outcrop



San Francisco



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| 937GW22 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 300 | 62.9 |
| Nickel (F) | NA | <5.0 | 5.7 |

| 937UVB01M1 | | |
|------------|--------------|--|
| Analyte | Jan 1996 Qtr | |
| Nickel | 44.6 | |
| Nickel (F) | 8.0 | |

| 937GW28 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | NA | 22 | 12.4 |
| Nickel (F) | <32.100 | <5.0 | <5.0 |

| 937GW01 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 340 | 226 |
| Nickel (F) | NA | 24 | 16.5 |

| 937GW11 | | |
|---------|------------|--|
| Analyte | Initial RI | |
| Nickel | 161.000 | |

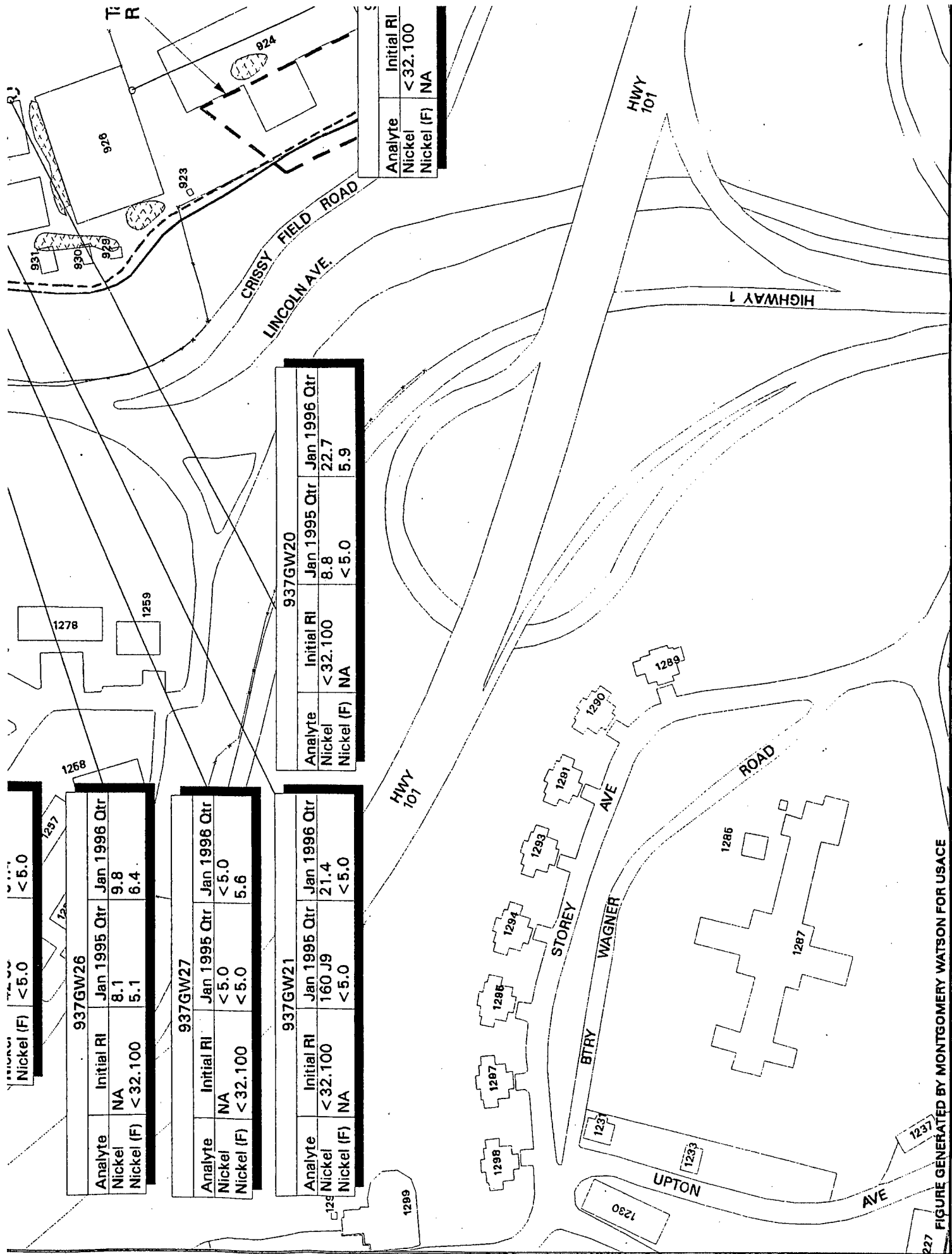
| 937GW36 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | 230 | 6.1 | <5.0 |
| Nickel (F) | 13 | <5.0 | <5.0 |

| 937GW02 | | |
|---------|------------|--|
| Analyte | Initial RI | |
| Nickel | 588.000 | |

| 937GW12 | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Nickel | 42 J9 | 31.4 | |
| Nickel (F) | <5.0 | <5.0 | |

| 937GW26 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | NA | 8.1 | 9.8 |
| Nickel (F) | <32.100 | 5.1 | 6.4 |

| 937GW27 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | NA | <5.0 | <5.0 |
| Nickel (F) | <32.100 | <5.0 | 5.6 |



EXPLANATION

- SHALLOW MONITORING WELL
- MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ▨ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ▤ APPROXIMATE LOCATIONS OF FORMER USTs
- ▩ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
 2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
 3. (F) INDICATES FILTERED SAMPLE.
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| N07 | | |
|------------|--------------|--|
| Flow-on RI | Jan 1996 Qtr | |
| .1 f | 13 | |
| .1 | < 5.0 | |

| 937GW35 | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Nickel | 5.2 | 6.5 | |
| Nickel (F) | 5.4 | < 5.0 | |

| 937GW23 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | NA | 5.0 | < 25.0 |
| Nickel (F) | < 32.100 | < 5.0 | < 25.0 |

| 937GW33 | | | |
|------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Nickel | 14 | 6.6 | |
| Nickel (F) | < 5.0 | 12.7 | |

| 937GW10 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | 60.800 | 44 | 96.4 |
| Nickel (F) | NA | 34 | 47.5 |

| 937GW06 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | < 32.100 | 48 | 59.1 |
| Nickel (F) | NA | 44 | 44.9 |

San Francisco Bay

978

| 937GW10 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | 60.800 | 44 | | 96.4 |
| Nickel (F) | NA | 34 | | 47.5 |

| 937GW06 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 48 | | 59.1 |
| Nickel (F) | NA | 44 | | 44.9 |

| 937GW24 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | NA | 18 | | 30.2 |
| Nickel (F) | 56.600 | 17 | | 27.1 |

| 937GW05 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 90 | | 34.5 |
| Nickel (F) | NA | 34 | | 14.0 |

| 937GW08 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 28 | | 33.8 |
| Nickel (F) | NA | 18 | | 11.1 |

| 937GW04 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 25 | | 39.8 |
| Nickel (F) | NA | 10 | | 17.6 |

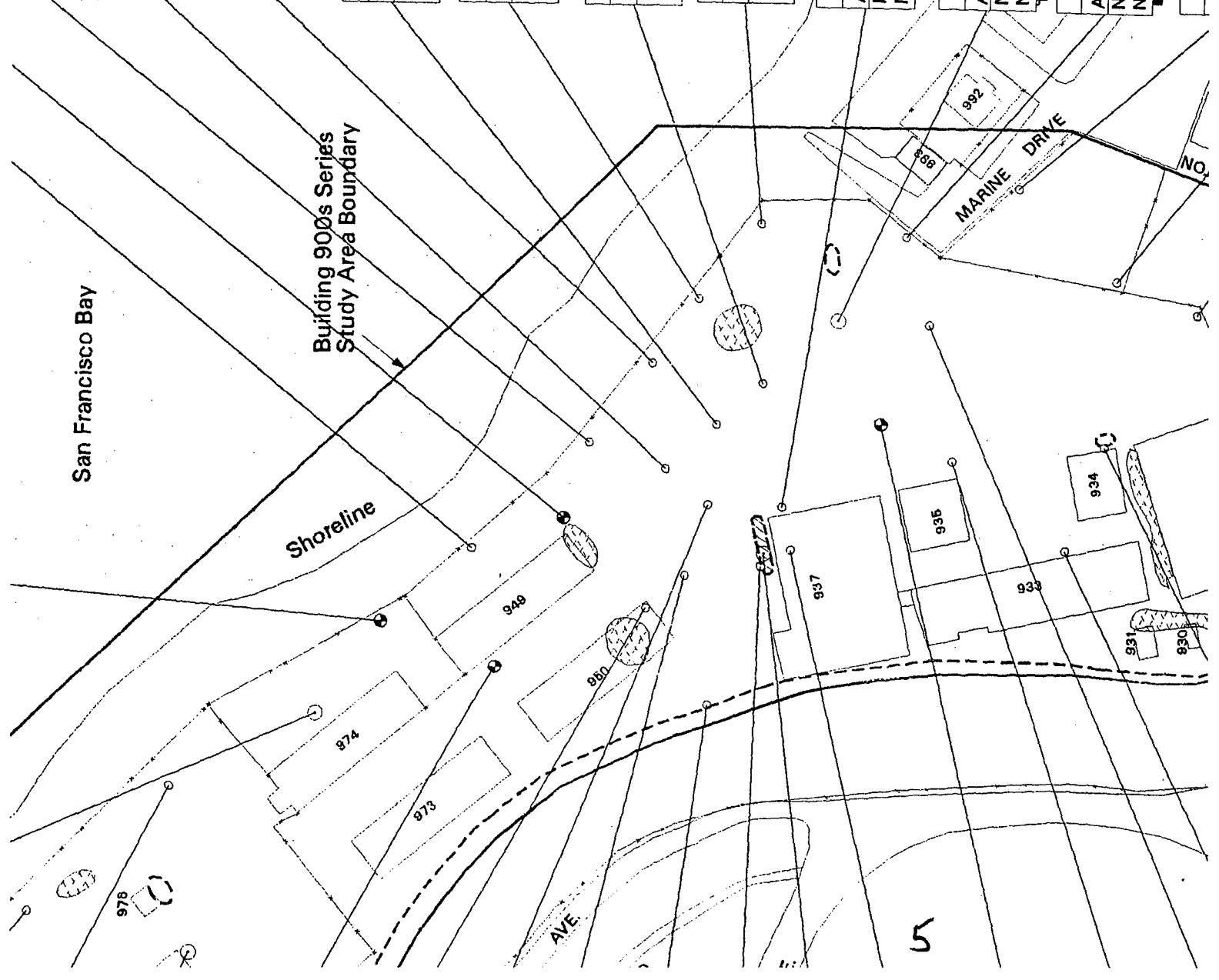
| 937GW07 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 48 | | 82.3 |
| Nickel (F) | NA | 15 | | <5.0 |

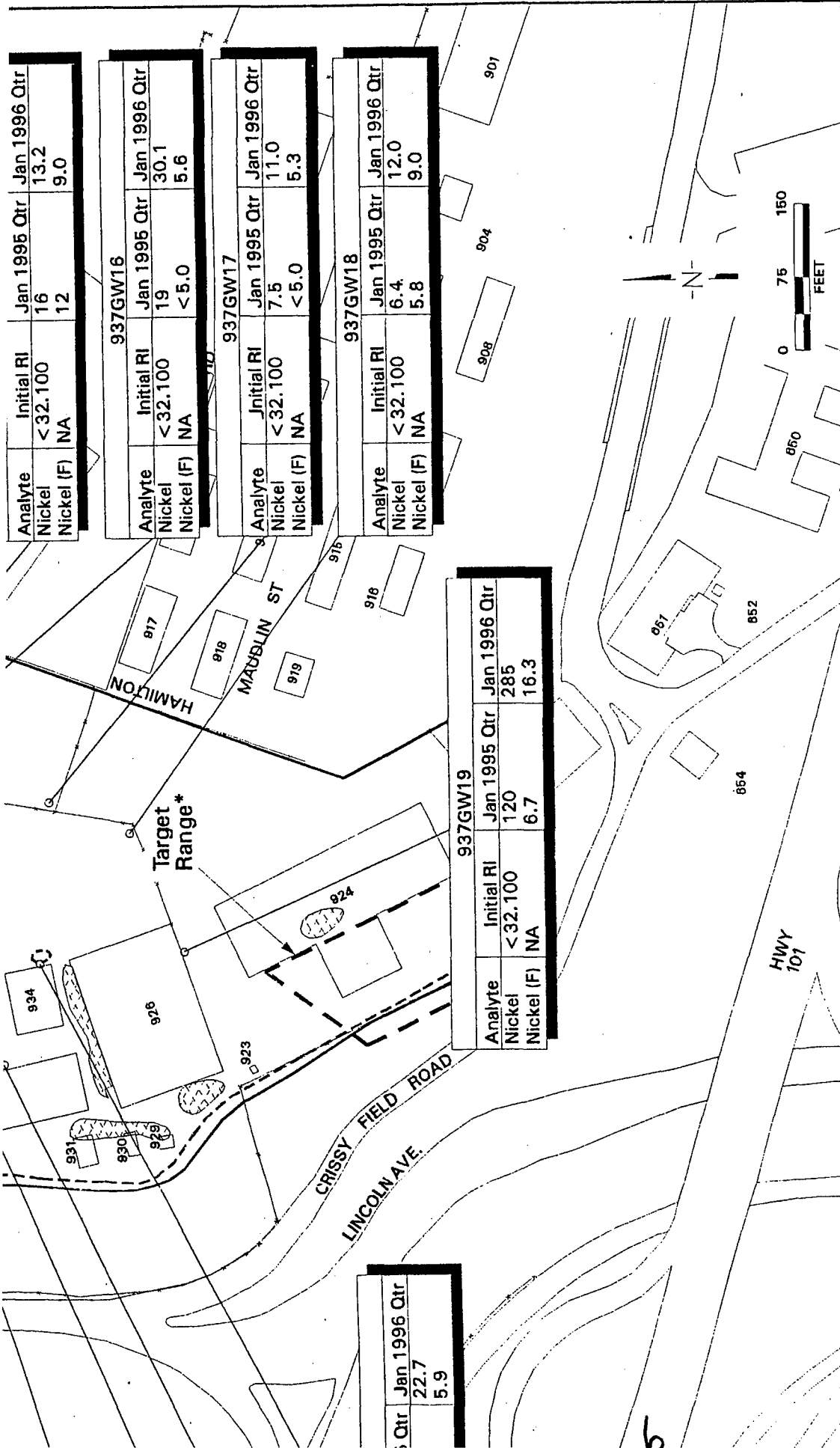
| 937GW03 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 6.3 | | <5.0 |
| Nickel (F) | NA | <5.0 | | <5.0 |

| 937GW37 | | | | |
|------------|-----------|--------------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | 82 | 90 J9 | | 43.5 |
| Nickel (F) | NA | 63 | | 18.2 |

| 937GW15 | | | | |
|------------|------------|--------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 16 | | 13.2 |
| Nickel (F) | NA | 12 | | 9.0 |

| 937GW16 | | | | |
|---------|--|--|--|--|
|---------|--|--|--|--|





| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|------------|--------------|--------------|
| Nickel | <32.100 | 16 | 13.2 |
| Nickel (F) | NA | 12 | 9.0 |

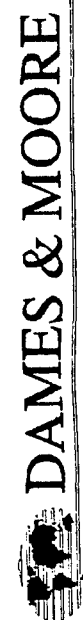
| 937GW16 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 19 | 30.1 |
| Nickel (F) | NA | <5.0 | 5.6 |

| 937GW17 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 7.5 | 11.0 |
| Nickel (F) | NA | <5.0 | 5.3 |

| 937GW18 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 6.4 | 12.0 |
| Nickel (F) | NA | 5.8 | 9.0 |

| 937GW19 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | <32.100 | 120 | 285 |
| Nickel (F) | NA | 6.7 | 16.3 |

| Qtr | | Jan 1996 Qtr |
|-----|------------|--------------|
| | Nickel | 22.7 |
| | Nickel (F) | 5.9 |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF NICKEL IN
SHALLOW GROUNDWATER**

PSF26248

| 979GW03 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Thallium | NA | <0.811 | <2.0 | |
| Thallium (F) | <81.400 | <0.811 | <2.0 | |

| 979GW04 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Thallium | <6.990 | 3.05 | <2.0 | |
| Thallium (F) | <6.990 | 14.0 | <2.0 | |

| 979GW02 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Thallium | NA | <0.811 | <2.0 | |
| Thallium (F) | <81.400 | <0.811 | <2.0 | |

| 979GW01 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Thallium | <6.990 | <0.811 | <2.0 | |
| Thallium (F) | <6.990 | 1.10 | <2.0 | |

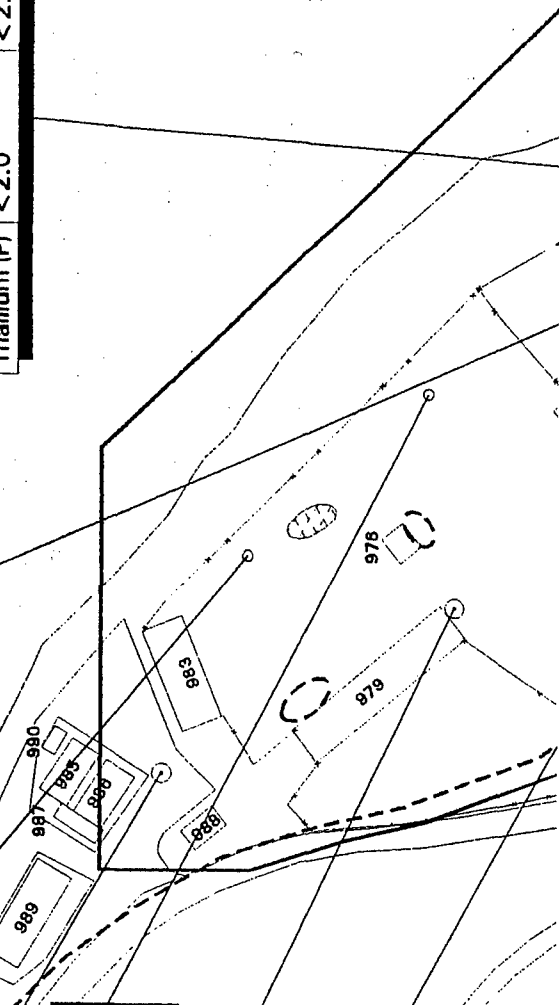
| 937GW34R | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Thallium | <2.0 | <2.0 | |
| Thallium (F) | <2.0 | <2.0 | |

| 937GW22 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |

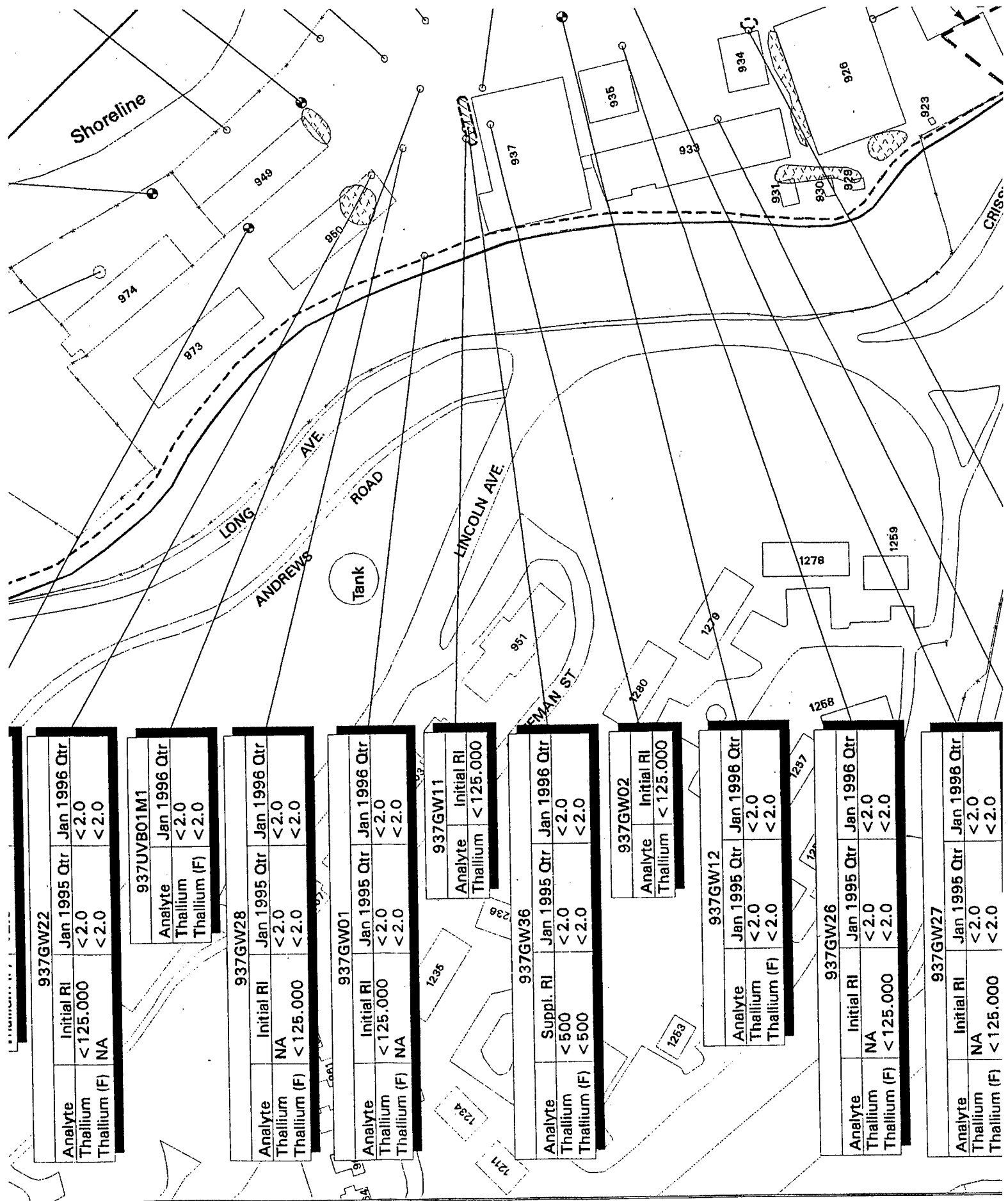
| 979GW07 | | | | |
|--------------|-----------|--------------|--------------|--|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr | |
| Thallium | NA | <0.811 | <2.0 | |
| Thallium (F) | <6.990 | <0.811 | <2.0 | |

| 937GW35 | | | |
|--------------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Thallium | <2.0 | <2.0 | |
| Thallium (F) | <2.0 | <2.0 | |

Surface Trace
of Bedrock Outcrop



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937GW22

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

937UVB01M1

| Analyte | Jan 1996 Qtr |
|--------------|--------------|
| Thallium | < 2.0 |
| Thallium (F) | < 2.0 |

937GW28

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Thallium | NA | < 2.0 | < 2.0 |
| Thallium (F) | < 125.000 | < 2.0 | < 2.0 |

937GW01

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

937GW11

| Analyte | Initial RI |
|----------|------------|
| Thallium | < 125.000 |

937GW36

| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|-----------|--------------|--------------|
| Thallium | < 500 | < 2.0 | < 2.0 |
| Thallium (F) | < 500 | < 2.0 | < 2.0 |

937GW02

| Analyte | Initial RI |
|----------|------------|
| Thallium | < 125.000 |

937GW12

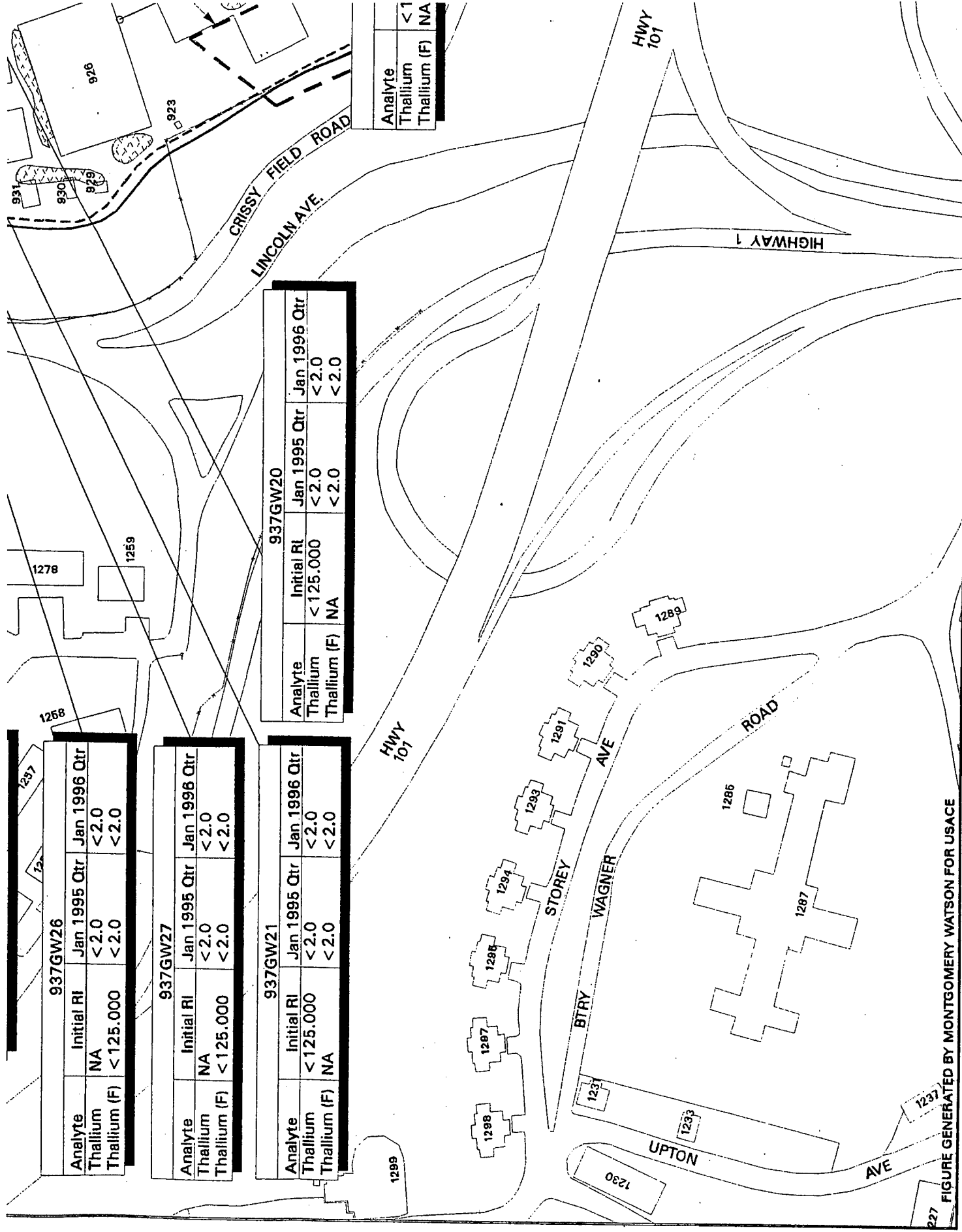
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|--------------|--------------|
| Thallium | < 2.0 | < 2.0 |
| Thallium (F) | < 2.0 | < 2.0 |

937GW26

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Thallium | NA | < 2.0 | < 2.0 |
| Thallium (F) | < 125.000 | < 2.0 | < 2.0 |

937GW27

| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|--------------|------------|--------------|--------------|
| Thallium | NA | < 2.0 | < 2.0 |
| Thallium (F) | < 125.000 | < 2.0 | < 2.0 |



| 937GW26 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Thallium | NA | < 2.0 | < 2.0 | |
| Thallium (F) | < 125.000 | < 2.0 | < 2.0 | |

| 937GW27 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Thallium | NA | < 2.0 | < 2.0 | |
| Thallium (F) | < 125.000 | < 2.0 | < 2.0 | |

| 937GW21 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Thallium | < 125.000 | < 2.0 | < 2.0 | |
| Thallium (F) | NA | < 2.0 | < 2.0 | |

| 937GW20 | | | | |
|--------------|------------|--------------|--------------|--|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr | |
| Thallium | < 125.000 | < 2.0 | < 2.0 | |
| Thallium (F) | NA | < 2.0 | < 2.0 | |

| Analyte | Thallium | Thallium (F) | NA |
|---------|----------|--------------|----|
| | < 1 | | |

f




| 937GW35 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Thallium | <2.0 |
| Thallium (F) | <2.0 |

| 937GW35 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | <2.0 | <2.0 |
| Thallium (F) | <2.0 | <2.0 |

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San Francisco Bay

EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS µg/L.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. (F) INDICATES FILTERED SAMPLE.
4. NA = NOT ANALYZED
5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW23 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | NA | <2.0 | <10.0 |
| Thallium (F) | <125.000 | <2.0 | <10.0 |

| 937GW33 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | <2.0 | <2.0 |
| Thallium (F) | <2.0 | <2.0 |

| 937GW10 | | |
|--------------|------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr |
| Thallium | <125.000 | <2.0 |
| Thallium (F) | NA | <2.0 |

| 937GW06 | | |
|--------------|------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr |
| Thallium | <125.000 | <2.0 |
| Thallium (F) | NA | <2.0 |

San Francisco Bay

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Study Area Boundary

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| | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 10.0 |
| Thallium (F) | NA | < 2.0 | < 10.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW06 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW24 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | NA | < 2.0 | < 10.0 |
| Thallium (F) | < 125.000 | < 2.0 | < 10.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW05 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW08 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 5.0 |
| Thallium (F) | NA | < 2.0 | < 5.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW04 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

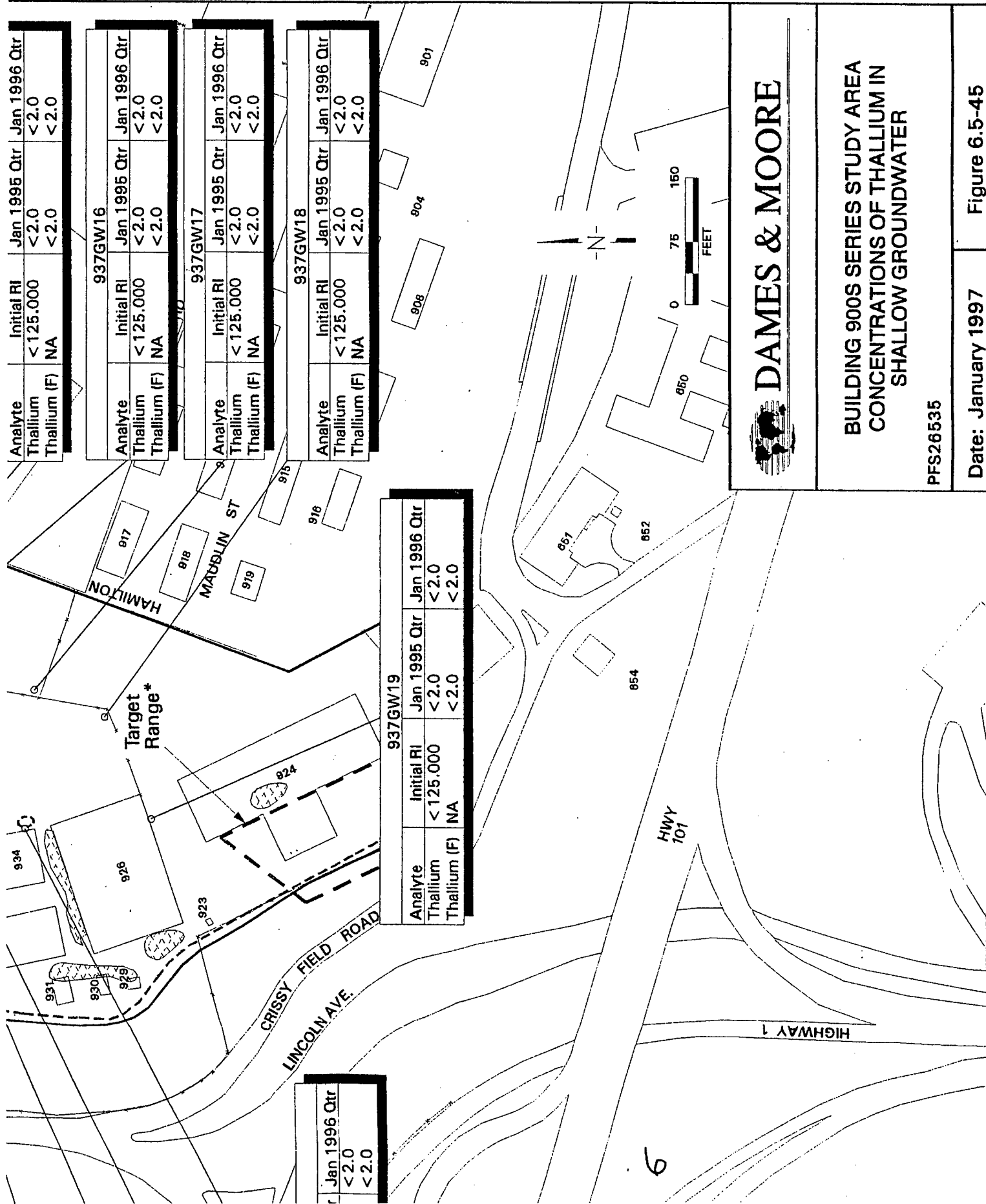
| | | | |
|--------------|------------|--------------|--------------|
| 937GW07 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW03 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

| | | | |
|--------------|-----------|--------------|--------------|
| 937GW37 | | | |
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 500 | < 2.0 | < 2.0 |
| Thallium (F) | < 500 | < 2.0 | < 2.0 |

| | | | |
|--------------|------------|--------------|--------------|
| 937GW15 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Thallium | < 125.000 | < 2.0 | < 2.0 |
| Thallium (F) | NA | < 2.0 | < 2.0 |

| | | | |
|---------|------------|--------------|--------------|
| 937GW16 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF THALLIUM IN
SHALLOW GROUNDWATER**

PFS26535

| 979GW03 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | NA | 12.0 f | <20 |
| Zinc (F) | <21.100 | <4.00 | <20 |

| 979GW04 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | <21.100 | <40.0 a | <20 |
| Zinc (F) | <21.100 | 7.00 | <20 |

| 979GW02 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | NA | 5.00 f | <20 |
| Zinc (F) | <21.100 | <4.00 | <20 |

| 979GW01 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | <21.100 | 8.00 f | <20 |
| Zinc (F) | <21.100 | 4.00 | <20 |

| 937GW34R | | | |
|----------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Zinc | <20 | <20.0 | |
| Zinc (F) | <20 | <20.0 | |

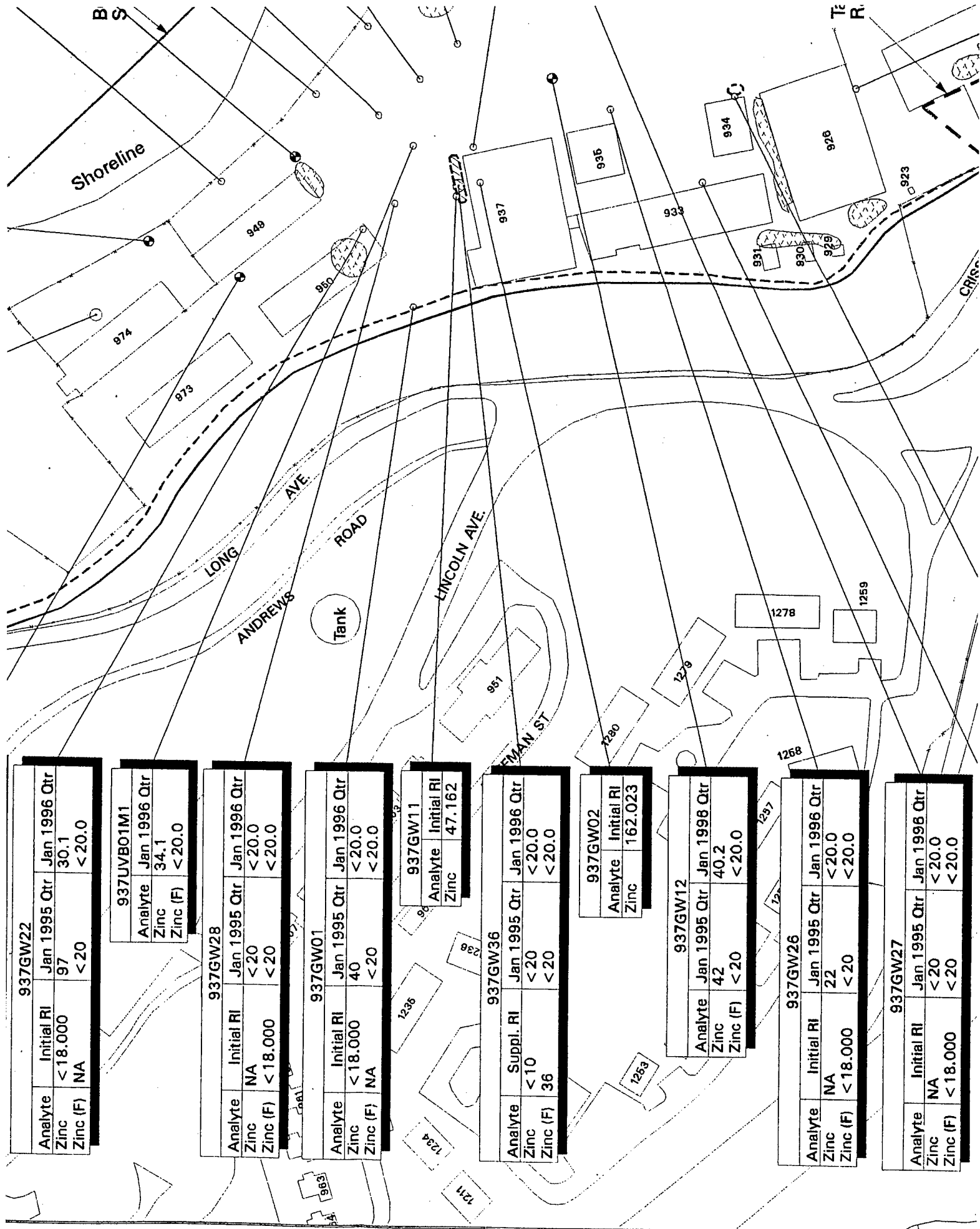
| 937GW22 | | | |
|---------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | 97 | 30.1 |

| 979GW07 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | NA | <4.00 | <20 |
| Zinc (F) | <21.100 | <4.00 | <20 |

| 937GW35 | | | |
|----------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr | |
| Zinc | <20 | <20.0 | |
| Zinc (F) | <20 | <20.0 | |

Surface Trace
of Bedrock Outcrop

San Francisco



| 937GW22 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18.000 | 97 | 30.1 |
| Zinc (F) | NA | <20 | <20.0 |

| 937UVB01M1 | | | |
|------------|--------------|--|--|
| Analyte | Jan 1996 Qtr | | |
| Zinc | 34.1 | | |
| Zinc (F) | <20.0 | | |

| 937GW28 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | NA | <20 | <20.0 |
| Zinc (F) | <18.000 | <20 | <20.0 |

| 937GW01 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18.000 | 40 | <20.0 |
| Zinc (F) | NA | <20 | <20.0 |

| 937GW11 | | | |
|---------|------------|--|--|
| Analyte | Initial RI | | |
| Zinc | 47.162 | | |

| 937GW36 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <10 | <20 | <20.0 |
| Zinc (F) | 36 | <20 | <20.0 |

| 937GW02 | | | |
|---------|------------|--|--|
| Analyte | Initial RI | | |
| Zinc | 162.023 | | |

| 937GW12 | | | |
|----------|--------------|--------------|--|
| Analyte | Jan 1995 Qtr | Jan 1998 Qtr | |
| Zinc | 42 | 40.2 | |
| Zinc (F) | <20 | <20.0 | |

| 937GW26 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | NA | 22 | <20.0 |
| Zinc (F) | <18.000 | <20 | <20.0 |

| 937GW27 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1998 Qtr |
| Zinc | NA | <20 | <20.0 |
| Zinc (F) | <18.000 | <20 | <20.0 |

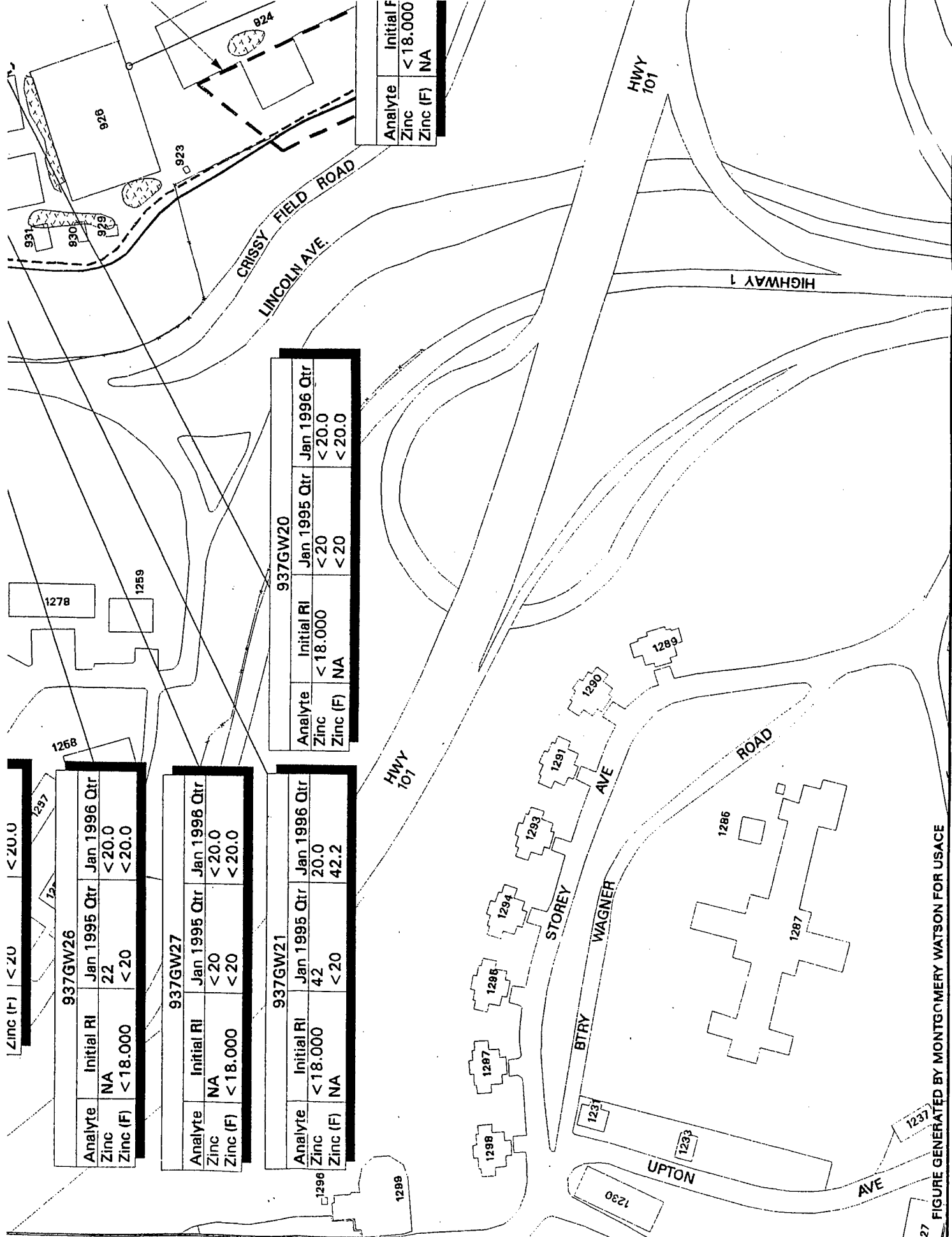


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

3

EXPLANATION

- SHALLOW MONITORING WELL
- ⊕ MONTGOMERY WATSON SHALLOW MONITORING WELL
- ⊕ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ▨ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
- ▨ APPROXIMATE LOCATIONS OF FORMER USTs
- ▨ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW35 | |
|----------|--------------|
| Analyte | Jan 1996 Qtr |
| Zinc | < 20 |
| Zinc (F) | < 20 |

| 937GW35 | |
|----------|--------------|
| Analyte | Jan 1995 Qtr |
| Zinc | < 20 |
| Zinc (F) | < 20 |

| 937GW23 | |
|----------|------------|
| Analyte | Initial RI |
| Zinc | NA |
| Zinc (F) | < 18,000 |

| 937GW33 | |
|----------|--------------|
| Analyte | Jan 1995 Qtr |
| Zinc | < 20 |
| Zinc (F) | < 20 |

| 937GW10 | |
|----------|------------|
| Analyte | Initial RI |
| Zinc | < 18,000 |
| Zinc (F) | NA |

| 937GW06 | |
|----------|------------|
| Analyte | Initial RI |
| Zinc | < 18,000 |
| Zinc (F) | NA |

San Francisco Bay

Ice Trace
rock Outcrop

San Francisco Bay

Shoreline

Building 900s Series
Study Area Boundary

MARINE DRIVE

5

| 937GW10 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | <80.0 |
| Zinc (F) | NA | <20 | <80.0 |

| 937GW06 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | <20.0 |
| Zinc (F) | NA | <20 | <20.0 |

| 937GW24 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | NA | <20 | <80.0 |
| Zinc (F) | <18,000 | <20 | <80.0 |

| 937GW05 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | <20.0 |
| Zinc (F) | NA | <20 | 25.3 |

| 937GW08 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <100 | <20.0 |
| Zinc (F) | NA | <100 | <20.0 |

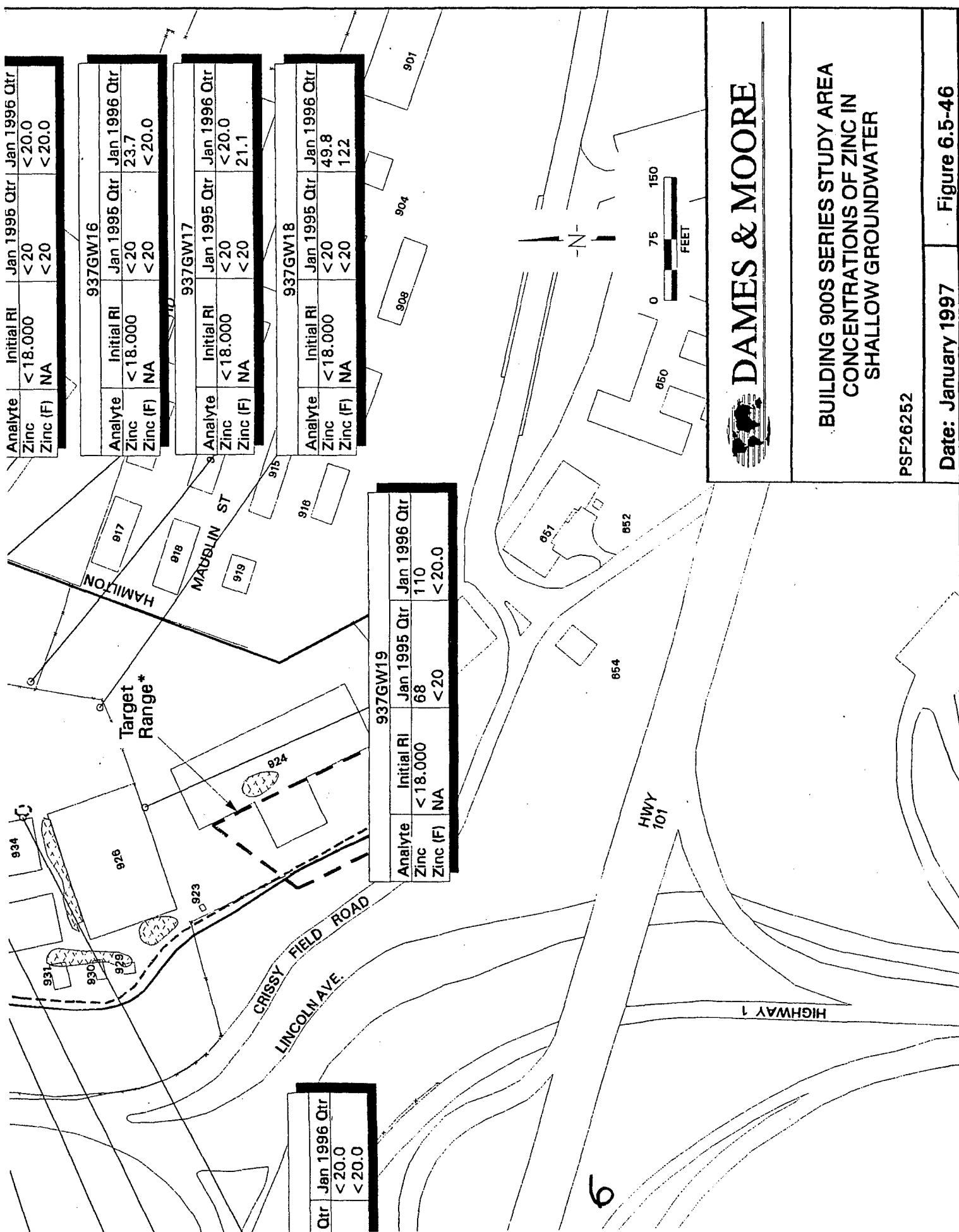
| 937GW04 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | 54,180 | <20 | <20.0 |
| Zinc (F) | NA | 32 | <20.0 |

| 937GW07 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | 367,389 | 440 | 302 |
| Zinc (F) | NA | 180 | 56.1 |

| 937GW03 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | <20.0 |
| Zinc (F) | NA | <20 | <20.0 |

| 937GW37 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | 94 | <20 | <20.0 |
| Zinc (F) | NA | <20 | <20.0 |

| 937GW15 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | <20.0 |
| Zinc (F) | NA | <20 | <20.0 |



| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----------|------------|--------------|--------------|
| Zinc | <18,000 | <20 | <20.0 |
| Zinc (F) | NA | <20 | <20.0 |

| 937GW16 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | 23.7 |
| Zinc (F) | NA | <20 | <20.0 |

| 937GW17 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | <20.0 |
| Zinc (F) | NA | <20 | 21.1 |

| 937GW18 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | <20 | 49.8 |
| Zinc (F) | NA | <20 | 122 |

| 937GW19 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | <18,000 | 68 | 110 |
| Zinc (F) | NA | <20 | <20.0 |

| Qtr | Jan 1996 Qtr |
|----------|--------------|
| Zinc | <20.0 |
| Zinc (F) | <20.0 |



**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF ZINC IN
SHALLOW GROUNDWATER**

PSF26252

| 979GW05 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | NA | 26.0 | < 20 |
| Zinc (F) | < 21.100 | < 4.00 | < 20 |

| 979GW10 | |
|----------|--------------|
| Analyte | Jan 1996 Qtr |
| Zinc | < 20 |
| Zinc (F) | < 20 |

| 937GW39 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | 110 | < 100 | < 20.0 |
| Zinc (F) | NA | < 20 | < 20.0 |

| 979GW08 | |
|----------|--------------|
| Analyte | Jan 1996 Qtr |
| Zinc | < 20 |
| Zinc (F) | < 20 |

| 937GW42 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | < 20 | 31.9 |
| Zinc (F) | < 20 | 23.5 |

| 937GW32 | |
|----------|------------|
| Analyte | Initial RI |
| Zinc (F) | 155.831 |

| 937GW32R | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | < 20 | 26.7 |
| Zinc (F) | < 20 | 25.4 |

| 937GW43 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | < 20 | < 20.0 |
| Zinc (F) | < 20 | < 20.0 |

| 937GW40 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | 35 | < 20.0 |
| Zinc (F) | < 20 | 1540 |

| 937UVB01M3 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Zinc | < 20.0 |
| Zinc (F) | < 20.0 |

| 937GW31 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | NA | < 20 | < 20.0 |
| Zinc (F) | < 18.000 | < 20 | < 20.0 |

| 937GW41 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | < 20 | < 20.0 |
| Zinc (F) | < 20 | < 20.0 |

| 937GW29 | | | |
|----------|------------|--------------|-------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1 |
| Zinc | NA | < 20 | < 20. |
| Zinc (F) | < 18.000 | < 20 | < 20. |

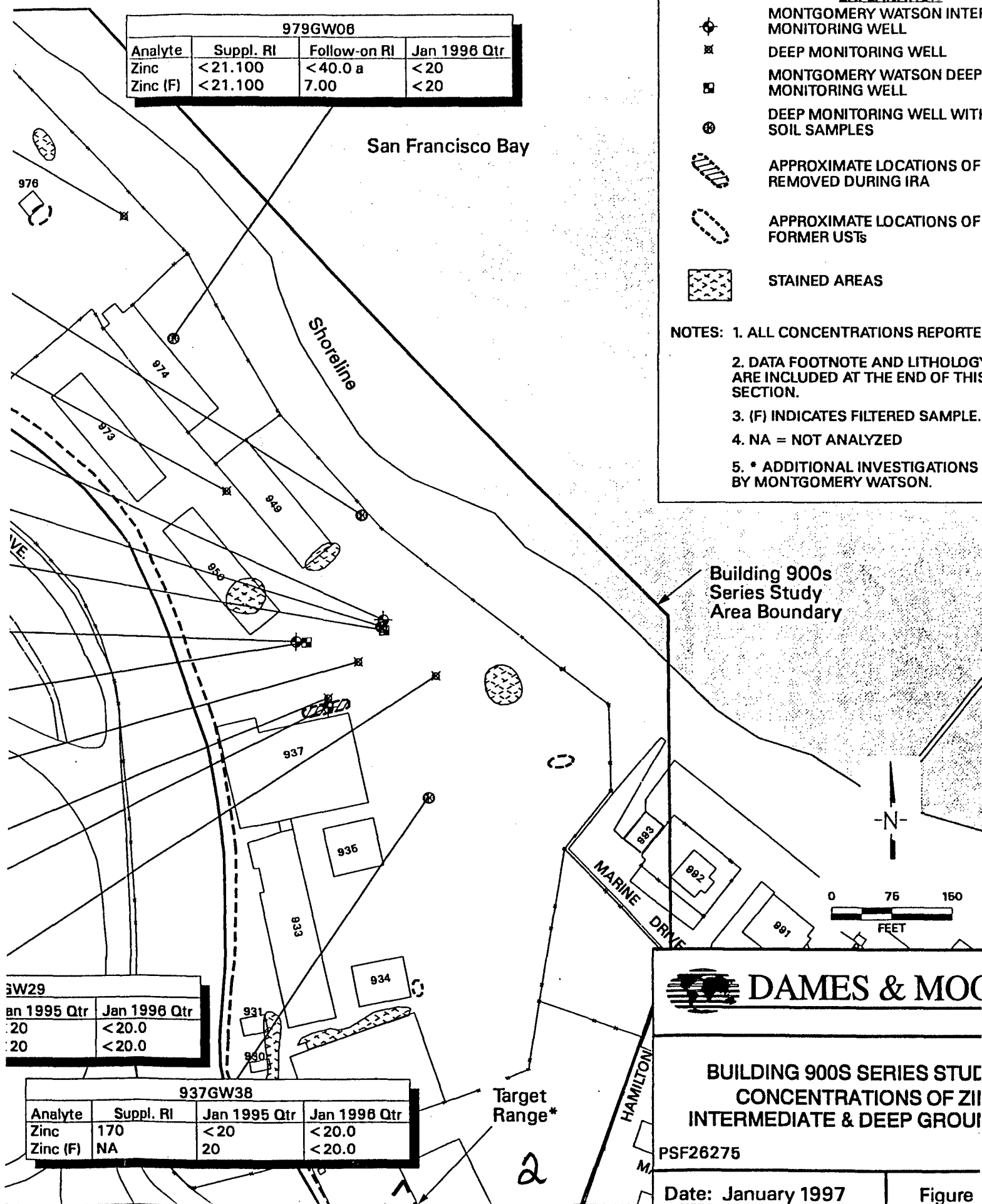
| Analyte | Sup |
|----------|-----|
| Zinc | 170 |
| Zinc (F) | NA |

| 979GW08 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Zinc | < 21.100 | < 40.0 a | < 20 |
| Zinc (F) | < 21.100 | 7.00 | < 20 |

San Francisco Bay

- EXPLANATION**
- MONTGOMERY WATSON INTERIM MONITORING WELL
 - DEEP MONITORING WELL
 - MONTGOMERY WATSON DEEP MONITORING WELL
 - DEEP MONITORING WELL WITH SOIL SAMPLES
 - APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
 - APPROXIMATE LOCATIONS OF FORMER USTs
 - STAINED AREAS

- NOTES:**
1. ALL CONCENTRATIONS REPORTED
 2. DATA FOOTNOTE AND LITHOLOGY ARE INCLUDED AT THE END OF THIS SECTION.
 3. (F) INDICATES FILTERED SAMPLE.
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATIONS BY MONTGOMERY WATSON.



| 979GW29 | |
|--------------|--------------|
| Jan 1995 Qtr | Jan 1996 Qtr |
| 20 | < 20.0 |
| 20 | < 20.0 |

| 937GW38 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Zinc | 170 | < 20 | < 20.0 |
| Zinc (F) | NA | 20 | < 20.0 |

DAMES & MOORE

**BUILDING 900S SERIES STUDY
CONCENTRATIONS OF ZINC
INTERMEDIATE & DEEP GROUNDWATER**

PSF26275








Date: January 1997

Figure

996 Qtr

cisco Bay

EXPLANATION

-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary

-N-

0 75 150
FEET



DAMES & MOORE

BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF ZINC IN
INTERMEDIATE & DEEP GROUNDWATER

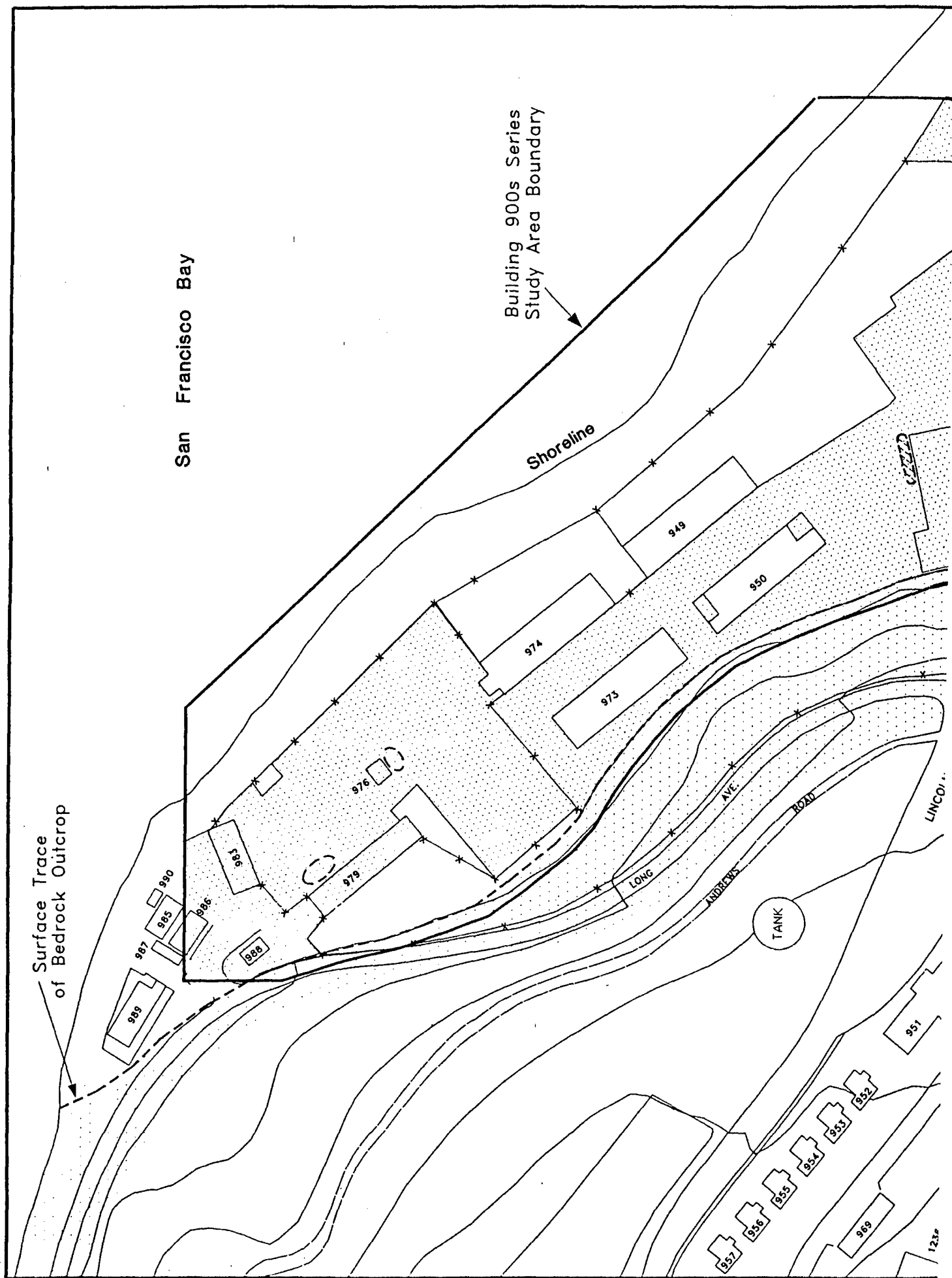
PSF26275

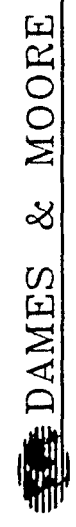
Date: January 1997

Figure 6.5-47

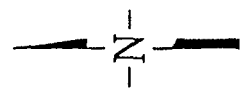
Target
Range*

3



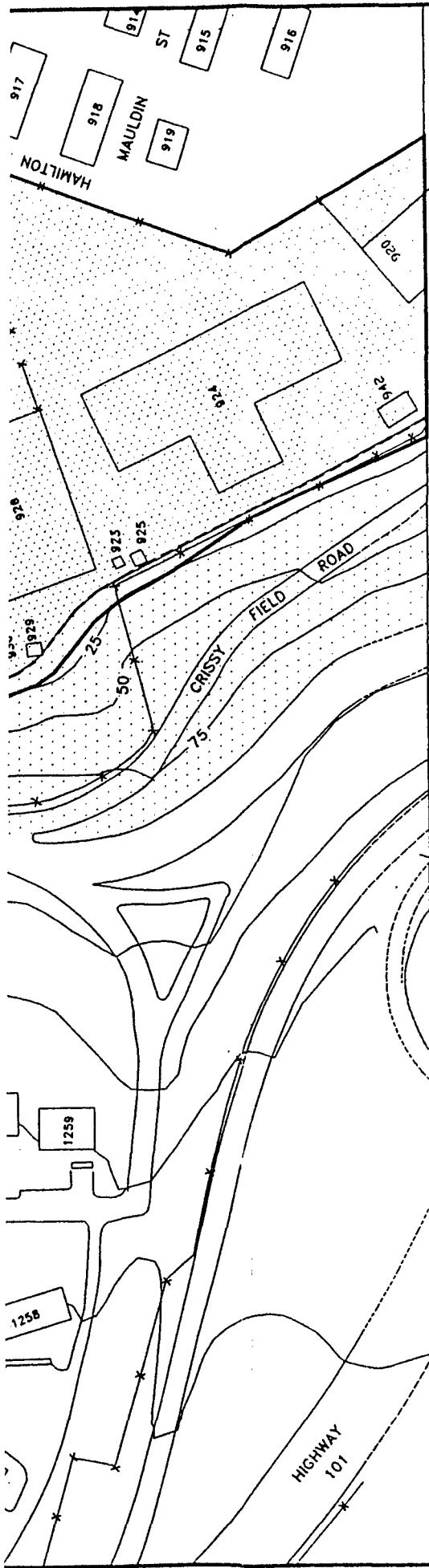


BUILDING 900s SERIES STUDY AREA





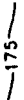


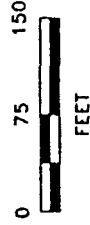
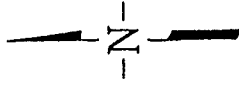
EXPLANATION

- APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- APPROXIMATE AREA EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER



EXPLANATION

- 
 APPROXIMATE LOCATION OF USIs
- 
 APPROXIMATE LOCATION OF USRs REMOVED DURING IRA
- 
 APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- 
 SURFACES COVERED BY PAVEMENT OR BUILDINGS
- 
 TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET—PRESIDIO LOWER LOW WATER



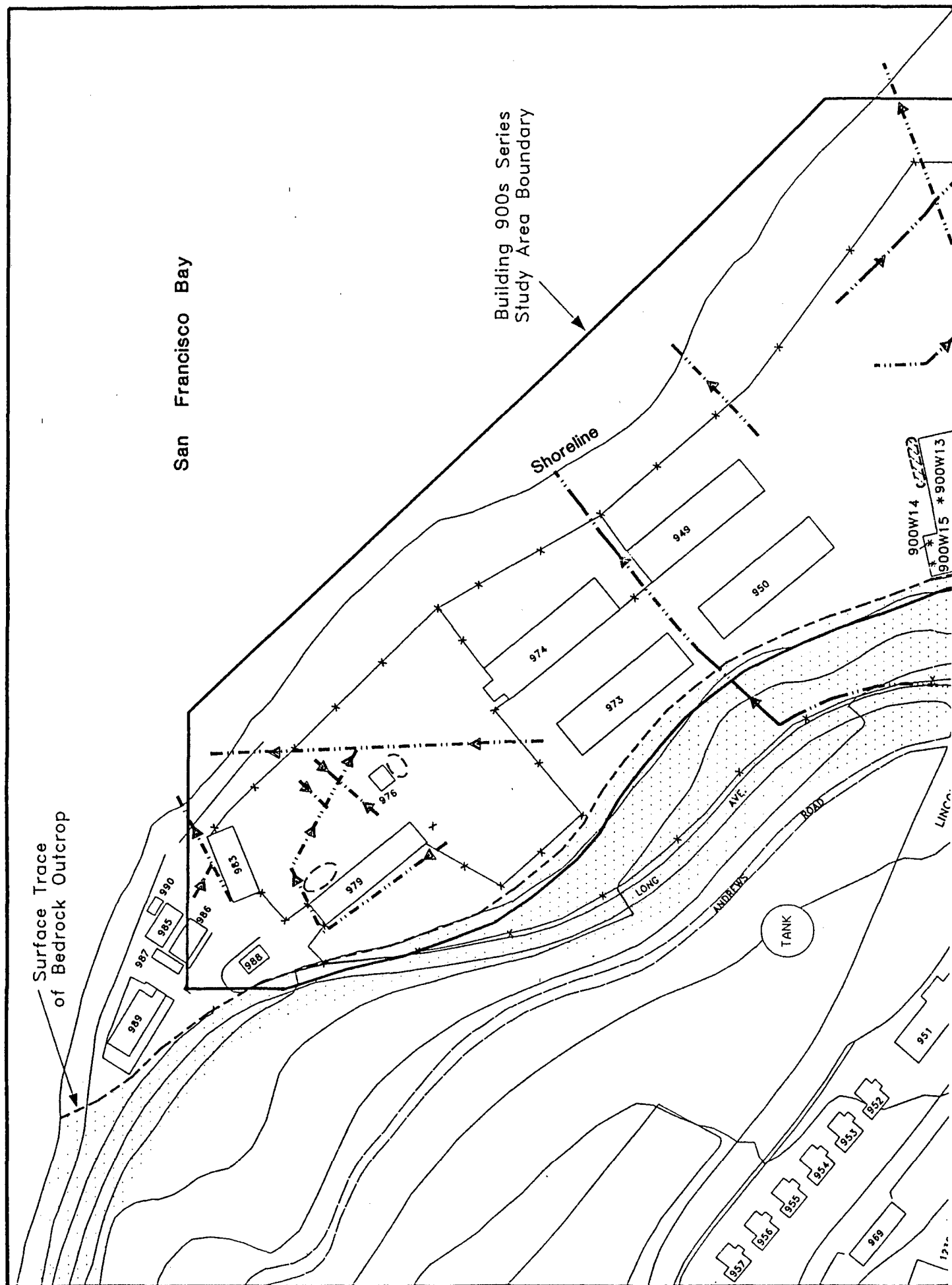
DAMES & MOORE

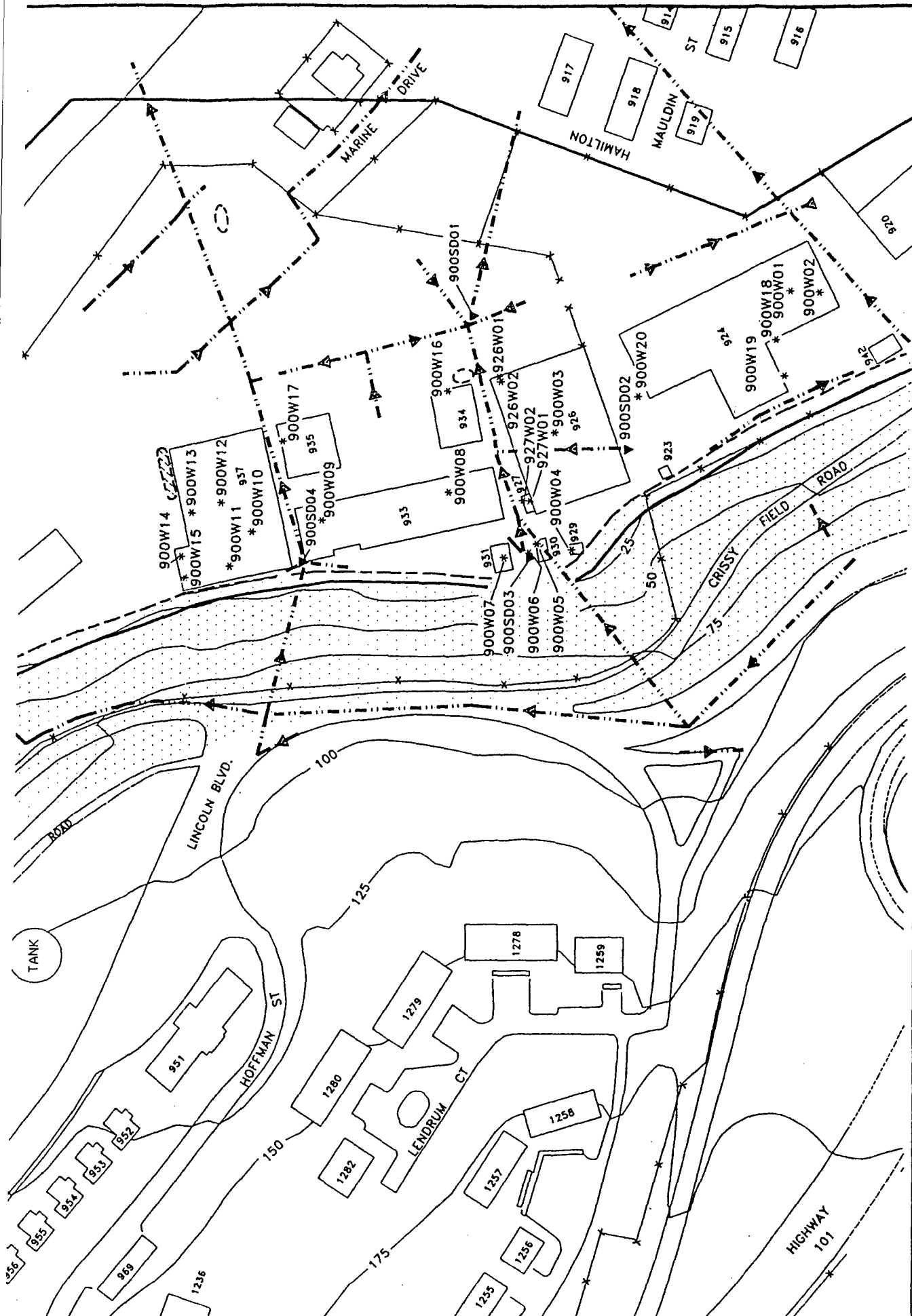
BUILDING 900s SERIES STUDY AREA

PSF25089/DV1

Date: January 1997

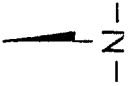
Figure 6.1-1



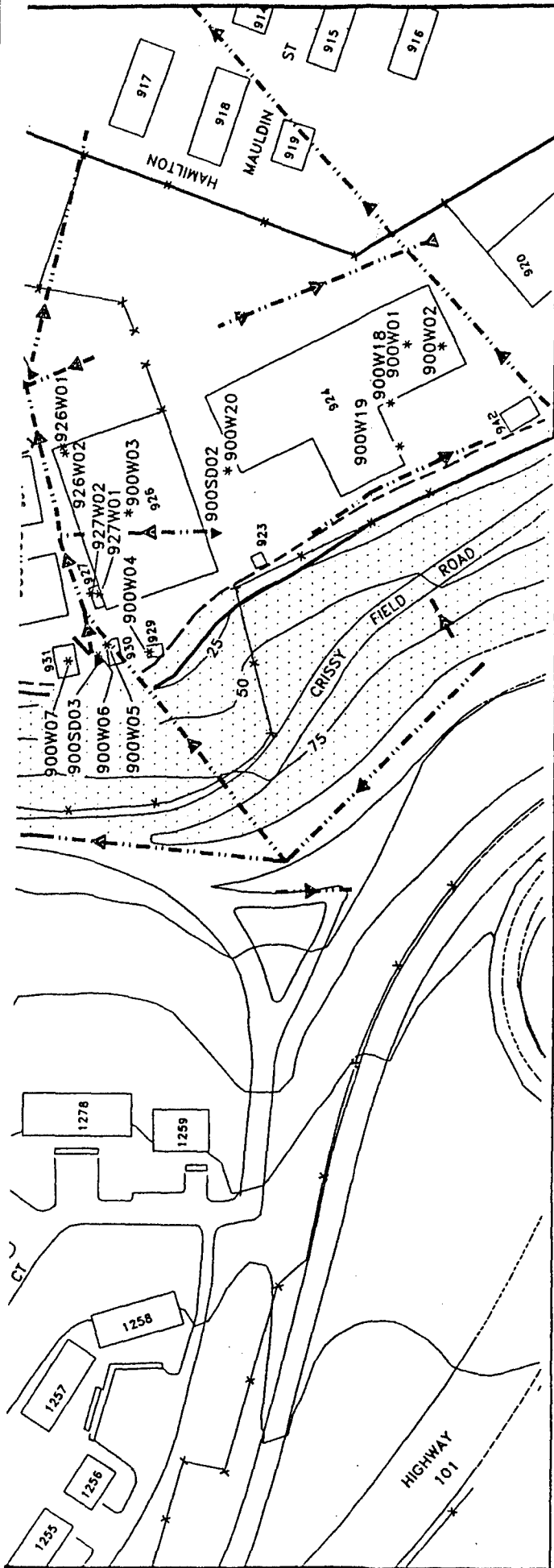


EXPLANATION

- * WIPE SAMPLE
- ▲ SEDIMENT SAMPLE
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP



DAMES & MOORE



EXPLANATION

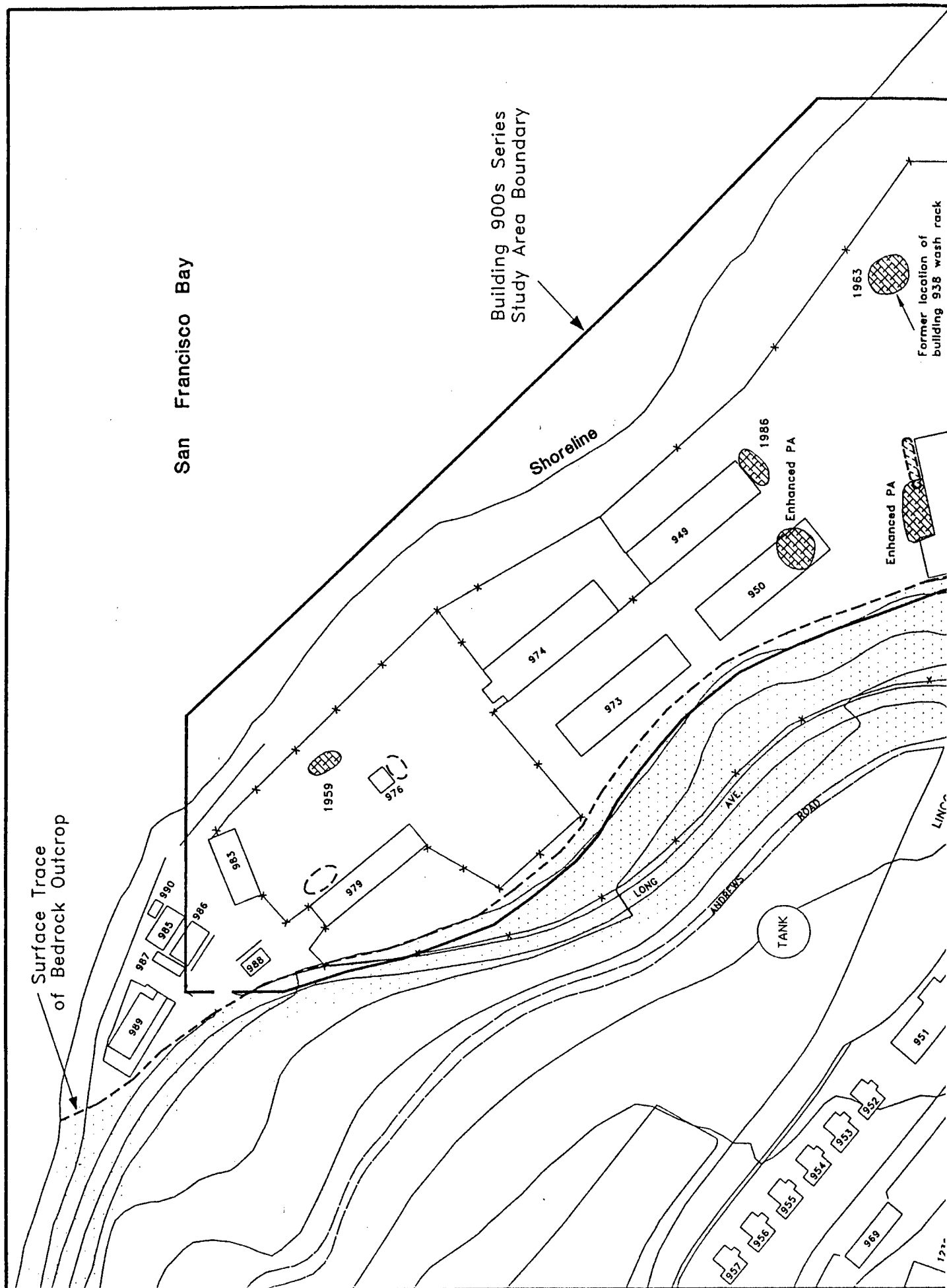
- * WIPE SAMPLE
- ▼ SEDIMENT SAMPLE
- > STORM DRAIN WITH FLOW DIRECTION
- (---) APPROXIMATE LOCATION OF USTs
- (---) APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- 175 --- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

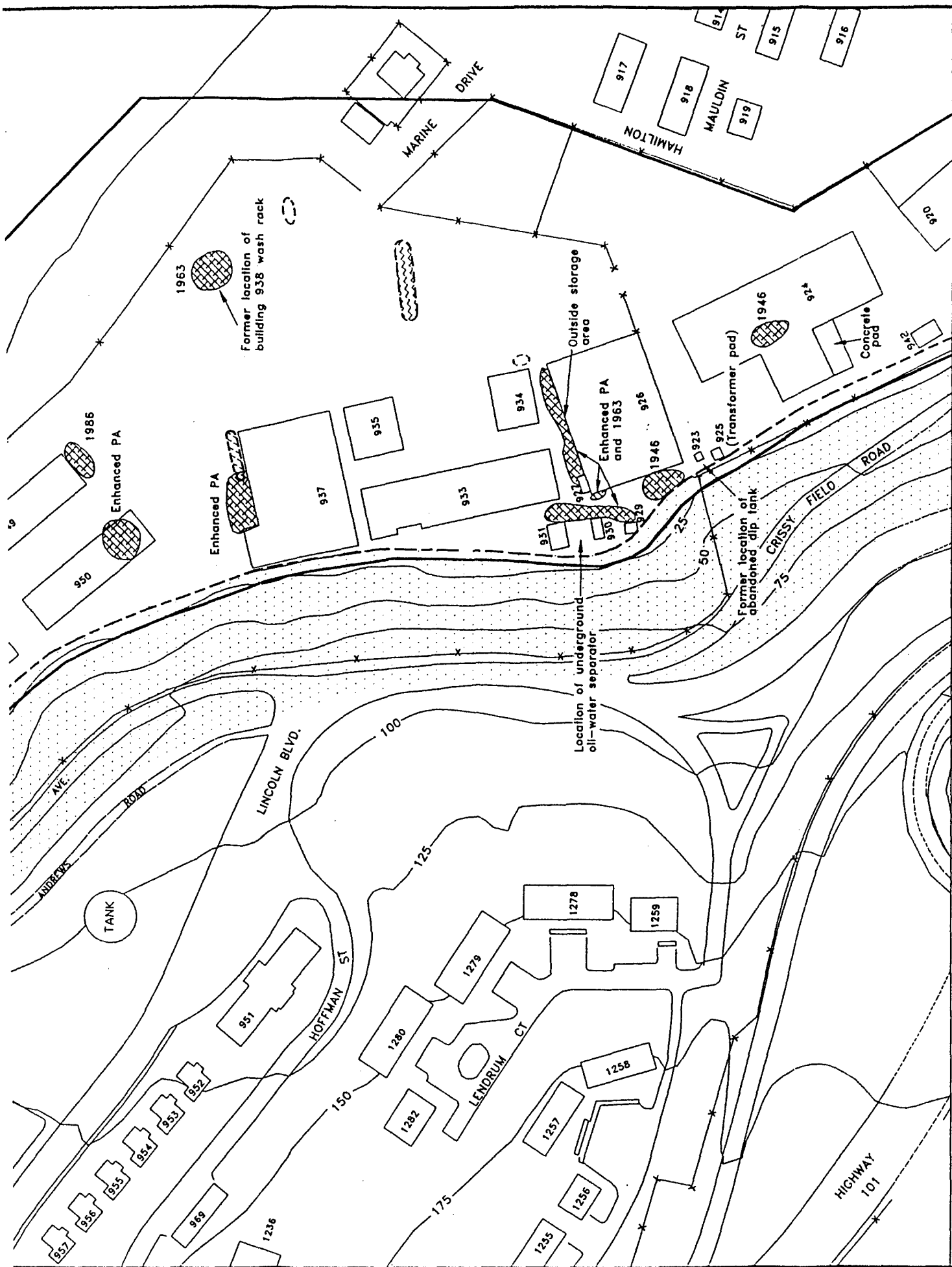
DAMES & MOORE

**BUILDING 900s SERIES STUDY AREA,
WIPE SAMPLE, STORM DRAIN, &
SEDIMENT SAMPLE LOCATIONS**

PSF25090/DV1

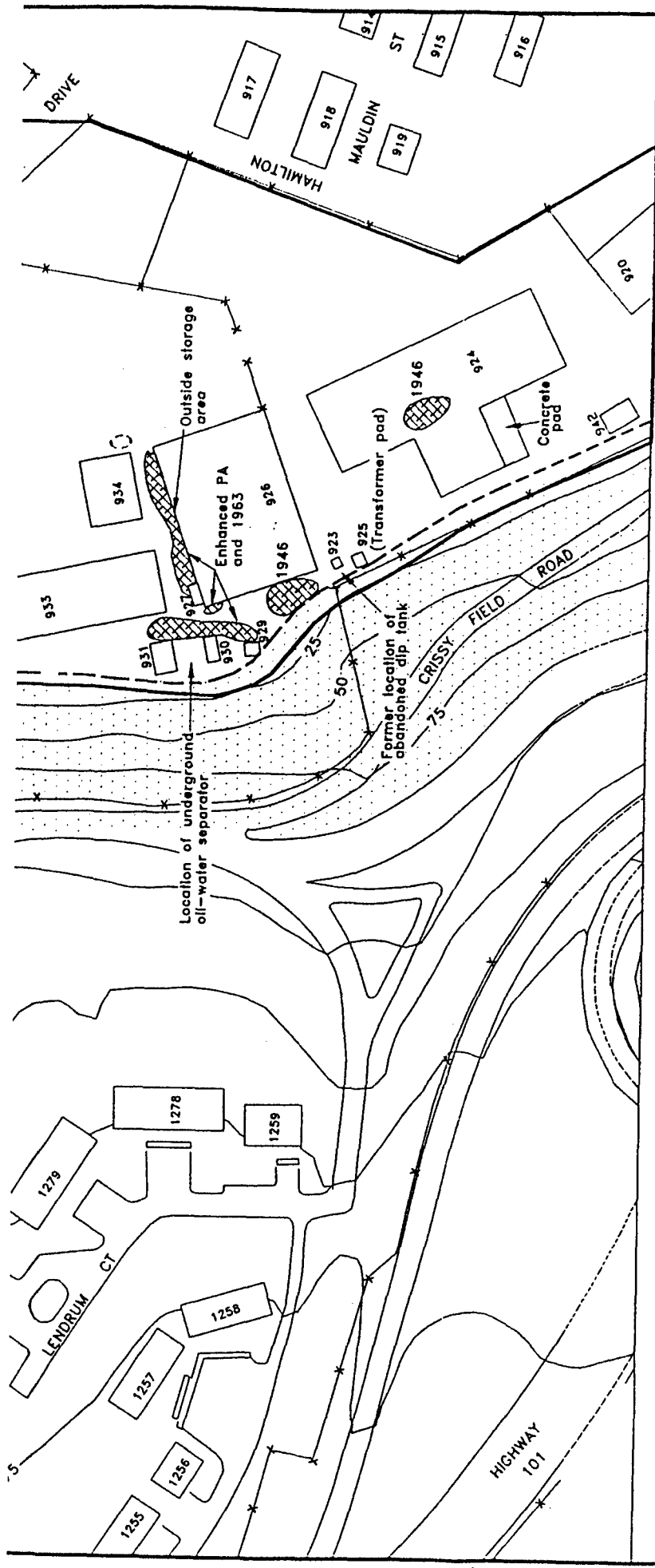
Date: January 1997 Figure 6.1-2





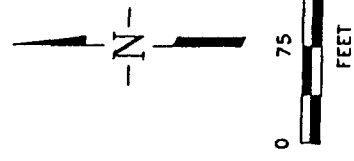
EXPLANATION

[illegible]



EXPLANATION

- STAINED AREA
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER
- STAINED AREAS IDENTIFIED IN ENHANCED PRELIMINARY ASSESSMENT AND AERIAL PHOTOGRAPHS FROM 1946 TO 1988 (RINGDEN AND SITTON, 1990)
- APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- APPROXIMATE 1948 LOCATION OF POSSIBLE ABOVEGROUND STORAGE TANKS



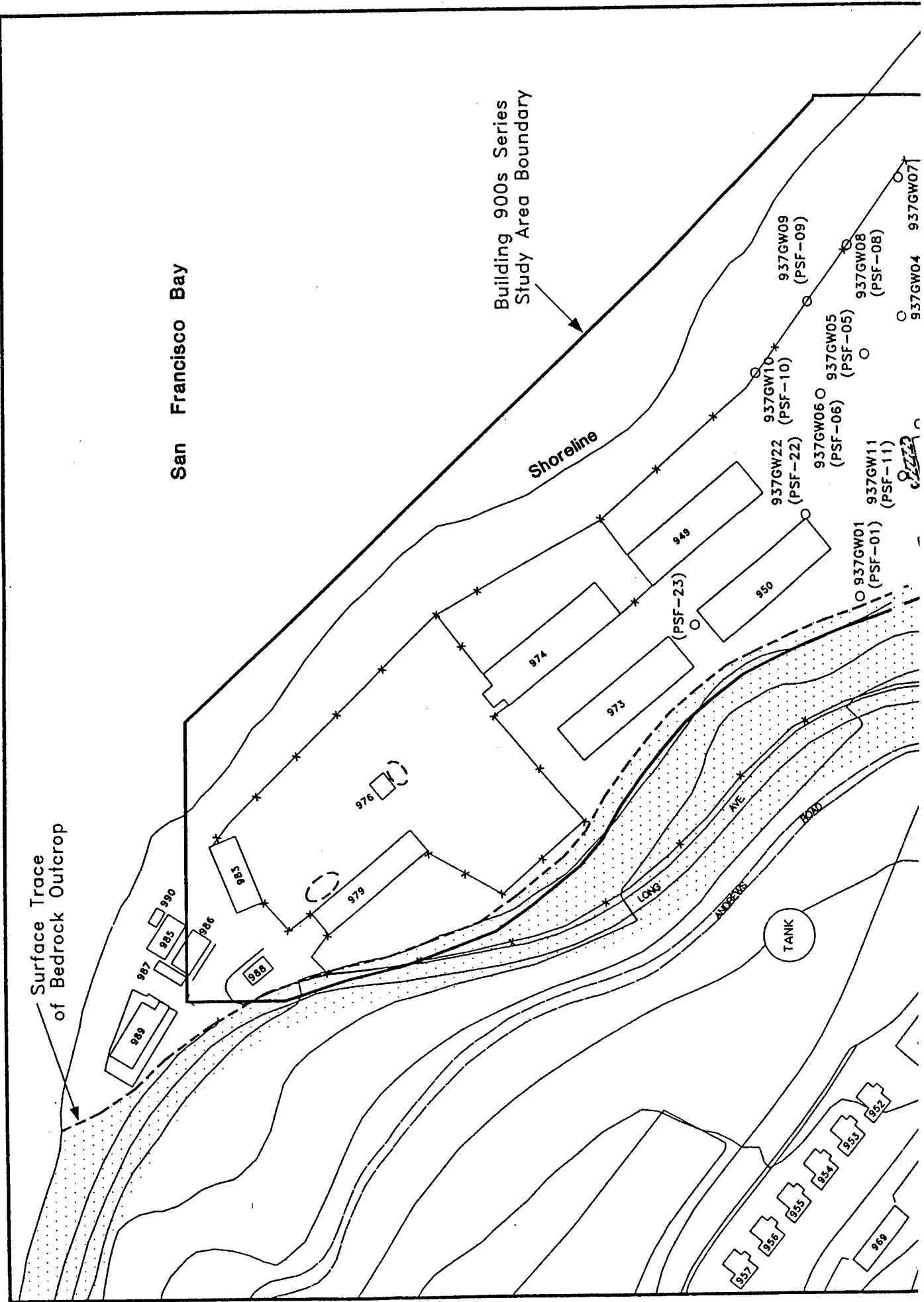
DAMES & MOORE

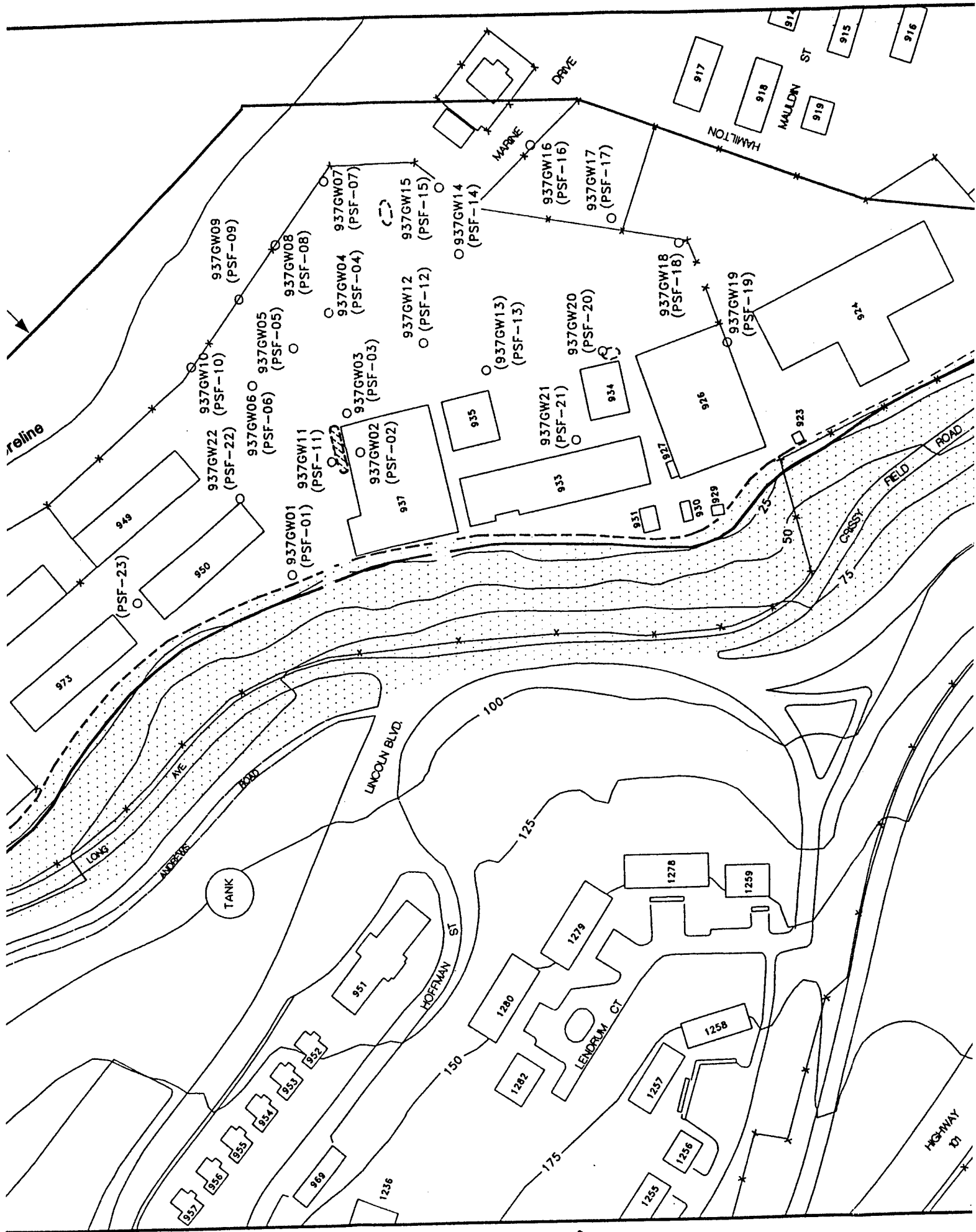
BUILDING 900s SERIES STUDY AREA, STAINED AREAS

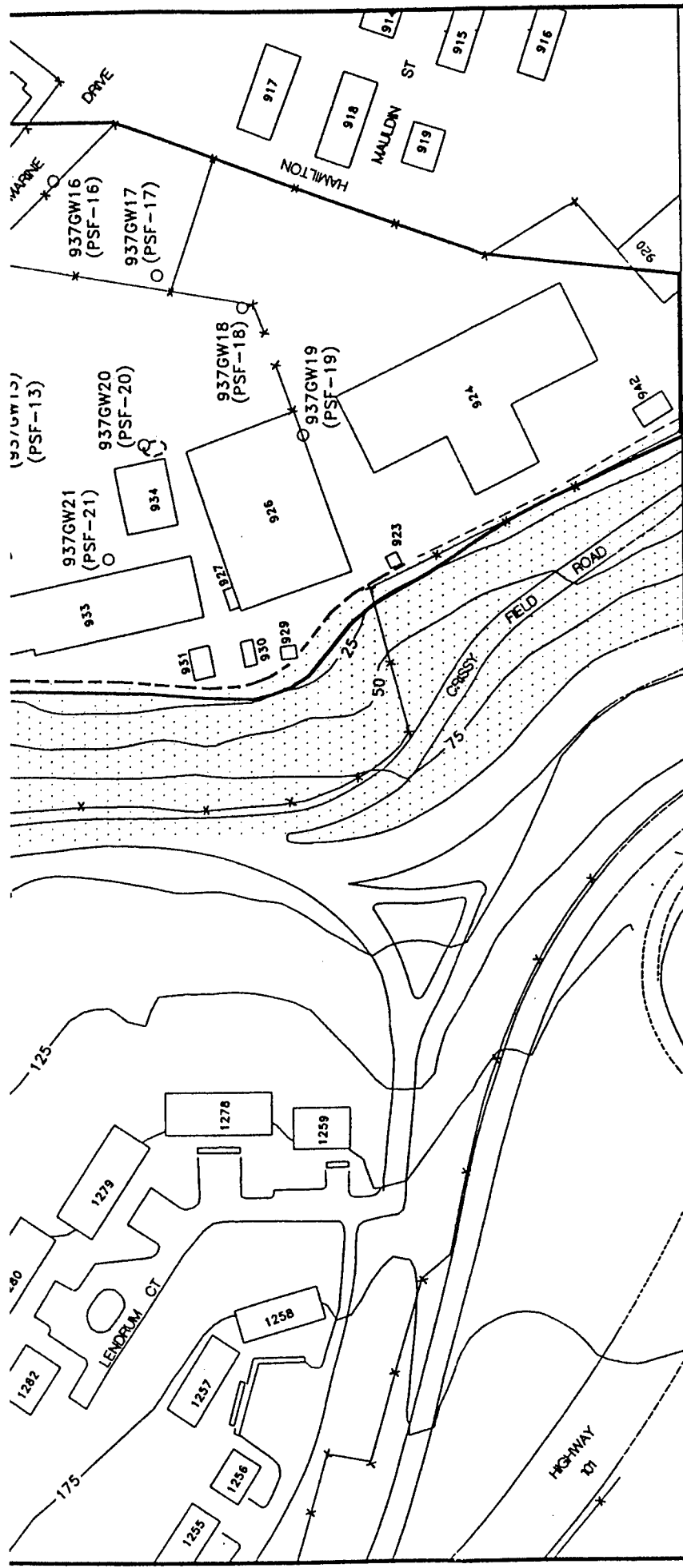
PSF25141/DV1

Date: January 1997

Figure 6.1-3

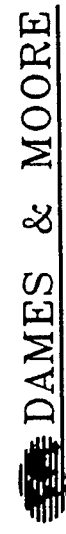
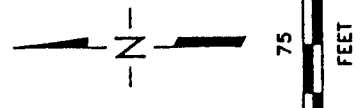






EXPLANATION

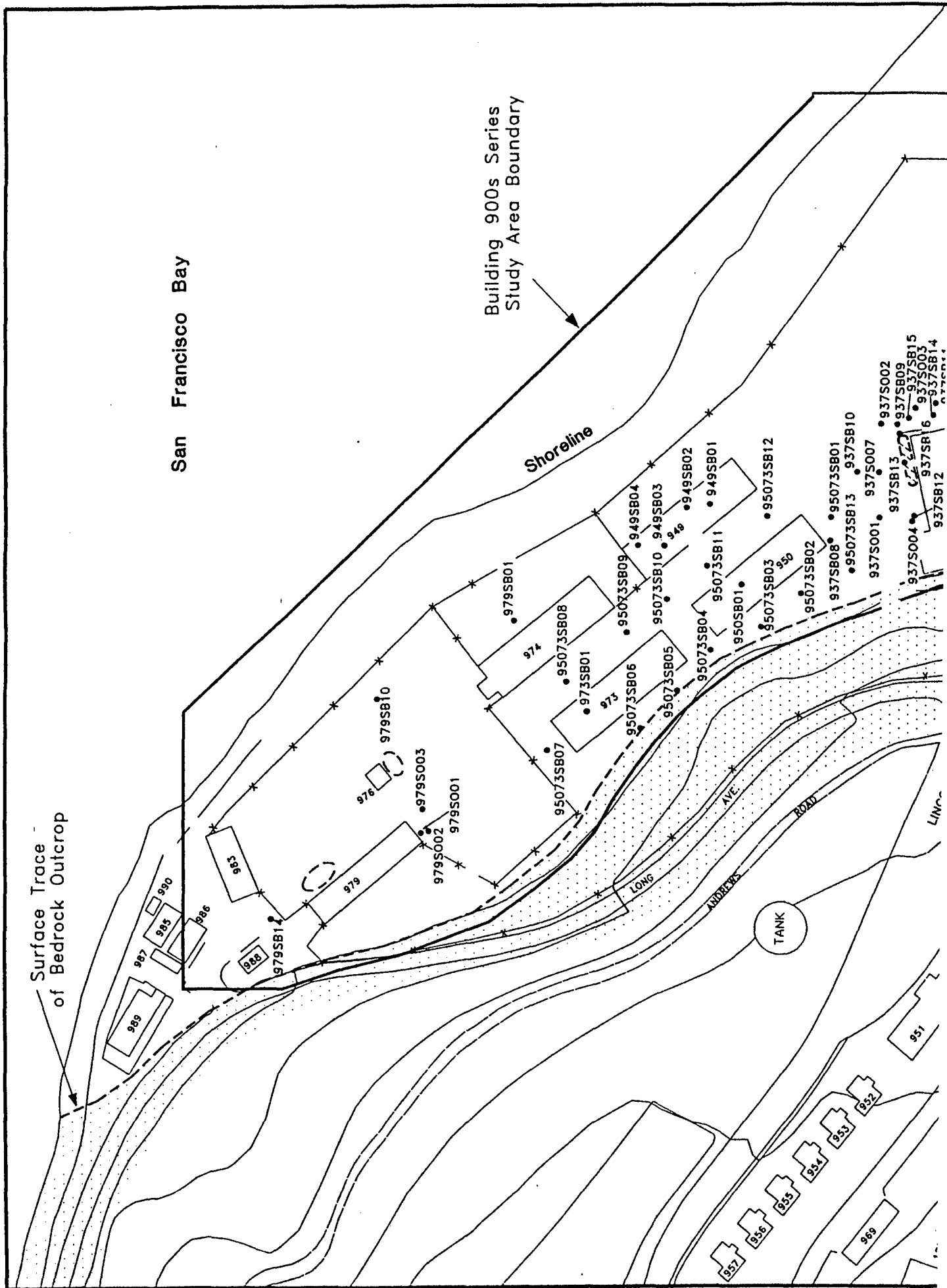
- SHALLOW MONITORING WELL¹
 - APPROXIMATE LOCATION OF USTs
 - APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
 - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
 - TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER
- NOTES : 1. SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE.
- USAEHA IDENTIFICATION NUMBERS SHOWN IN PARENTHESES



BUILDING 900s SERIES STUDY AREA 1984 AND 1986 MONITORING WELL LOCATIONS

PSF25122\DV1

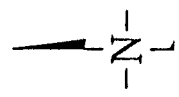
Date: January 1997 Figure 6.1-4




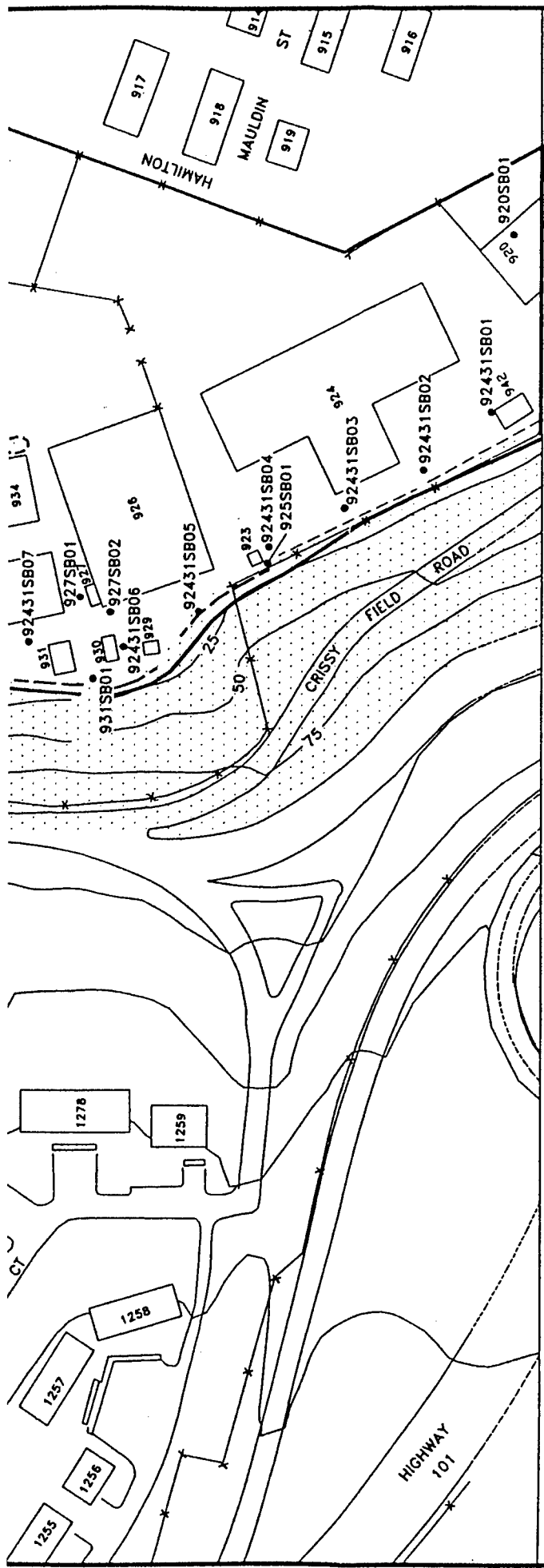


EXPLANATION

- SOIL BORING
- (---) APPROXIMATE LOCATION OF USTs
- (---) APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- 175— TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET—PRESIDIO LOWER LOW WATER



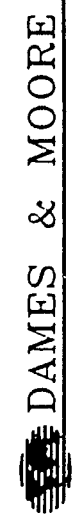
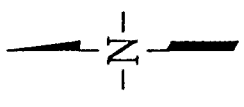

DAMES & MOORE



EXPLANATION

- SOIL BORING
- APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

NOTES : 1. SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE.
2. DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.



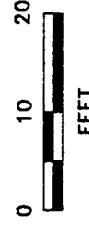
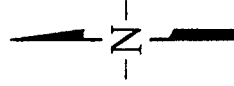
BUILDING 900s SERIES STUDY AREA SOIL BORING LOCATIONS

PSF25024/DV1

Date: January 1997 Figure 6.1-5

EXPLANATION

- Soil Sample Location (Existing)
- ⊕ Soil Sample Location (Destroyed)



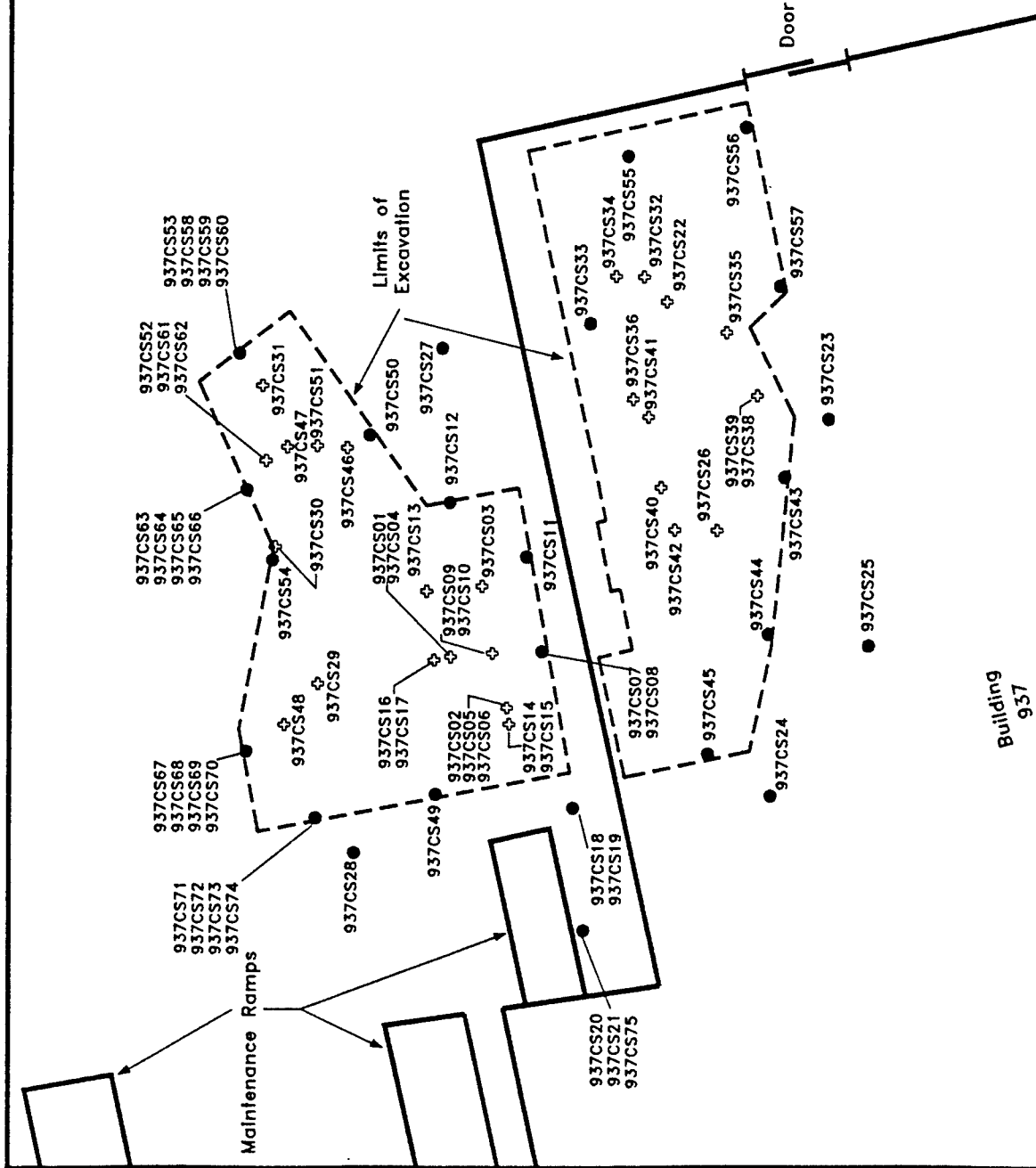
DAMES & MOORE

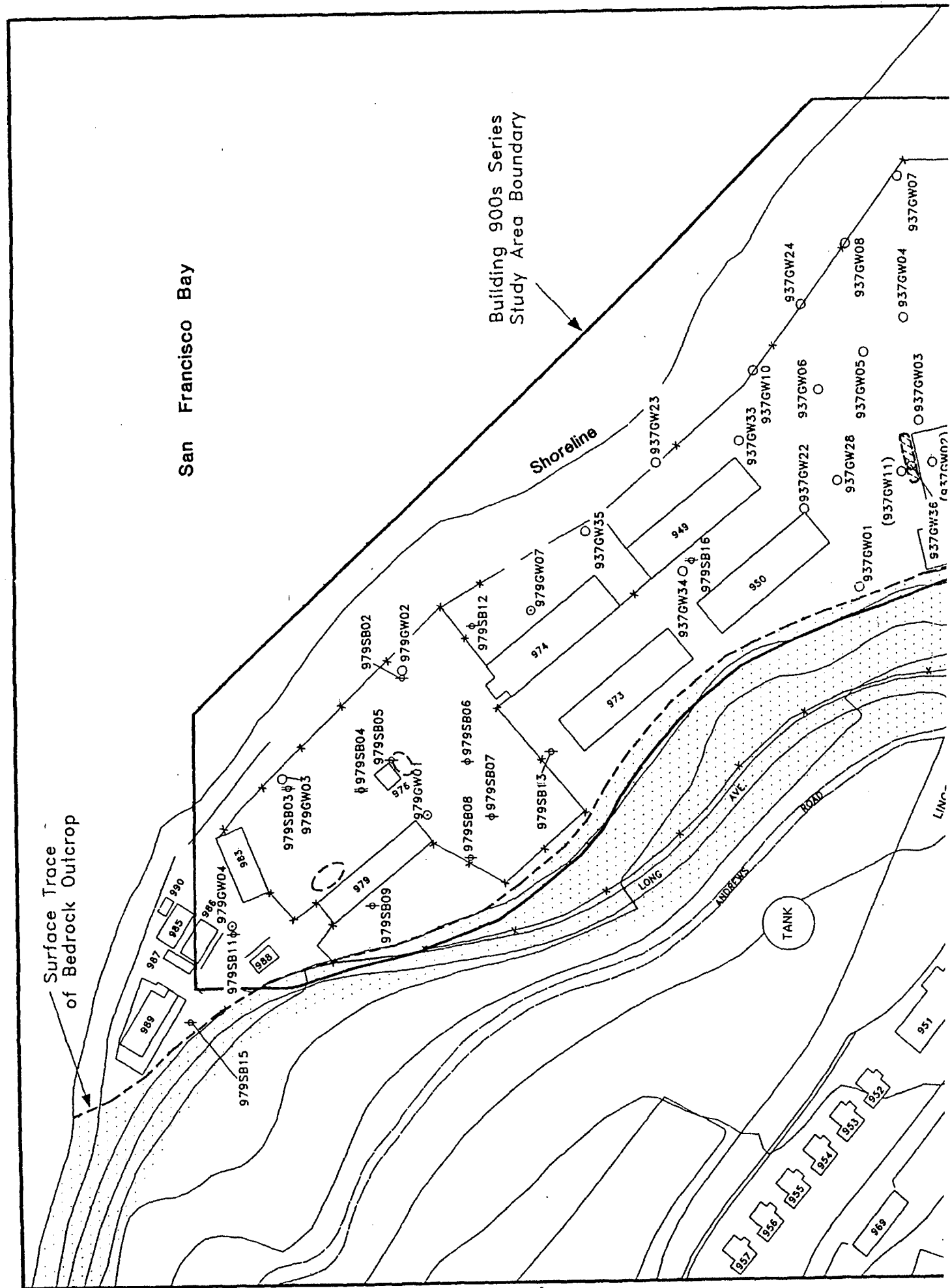
BUILDING 937 IRA SOIL SAMPLES AND EXCAVATION LOCATIONS

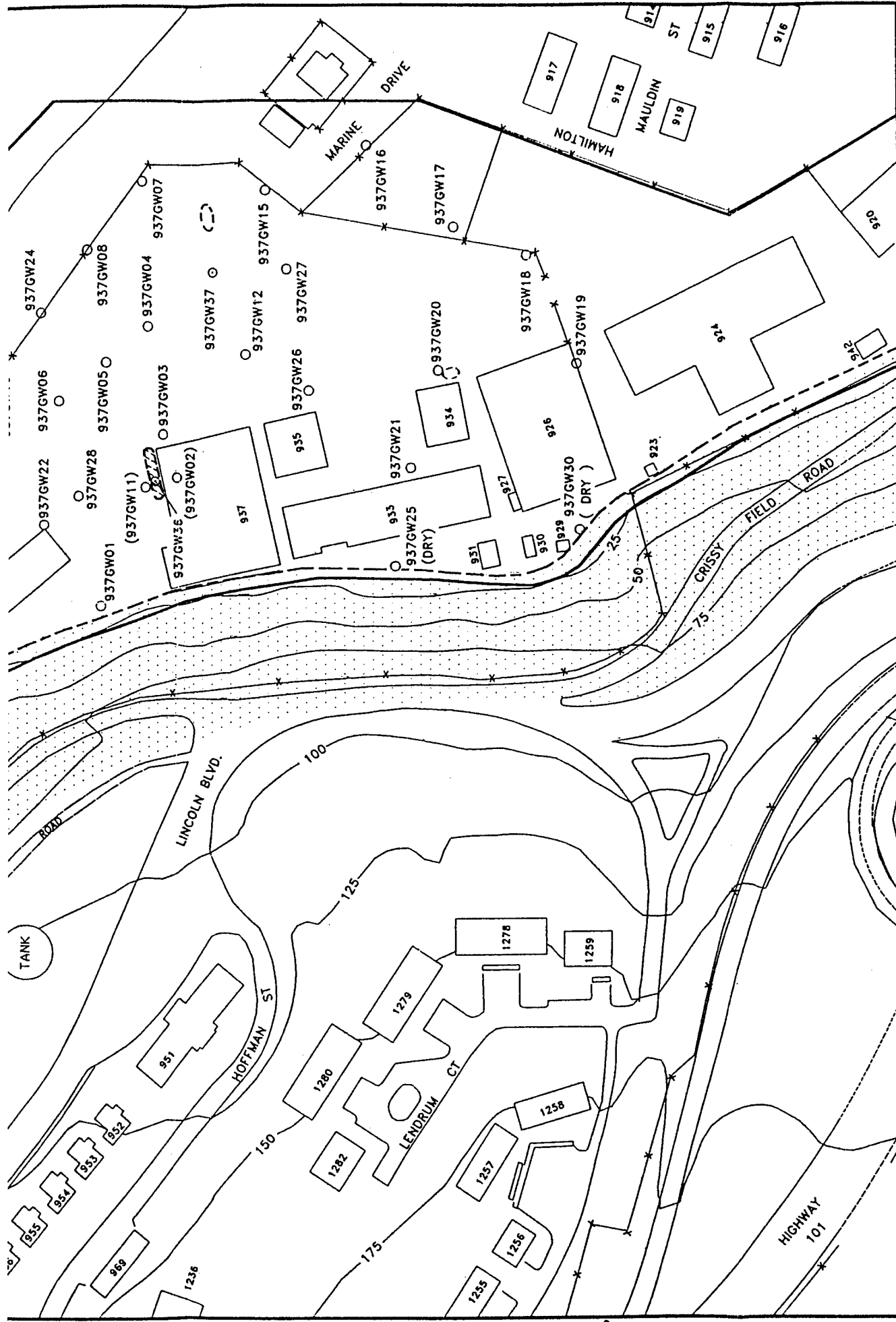
PSF25142/DV1

Date: January 1997

Figure 6.1-6

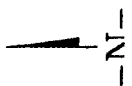


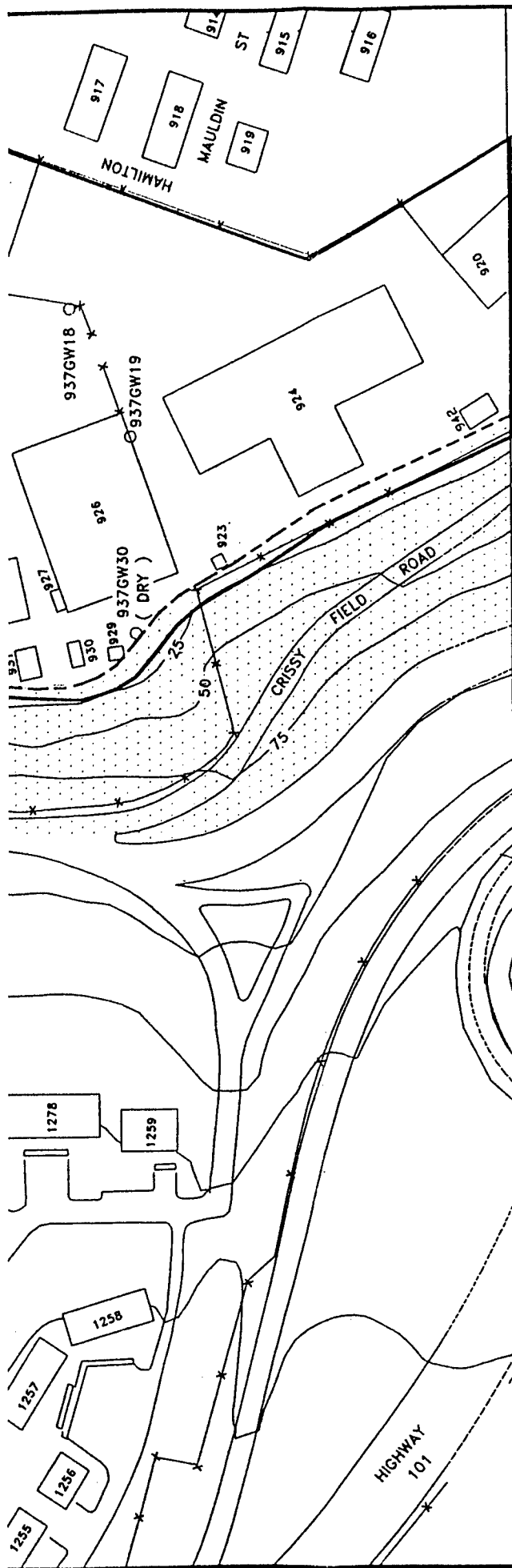




EXPLANATION

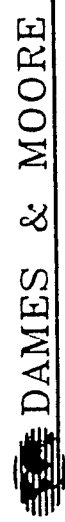
- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ SOIL BORING WITH DISCRETE
- - - - - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- 175— TOPOGRAPHIC CONTOUR





EXPLANATION

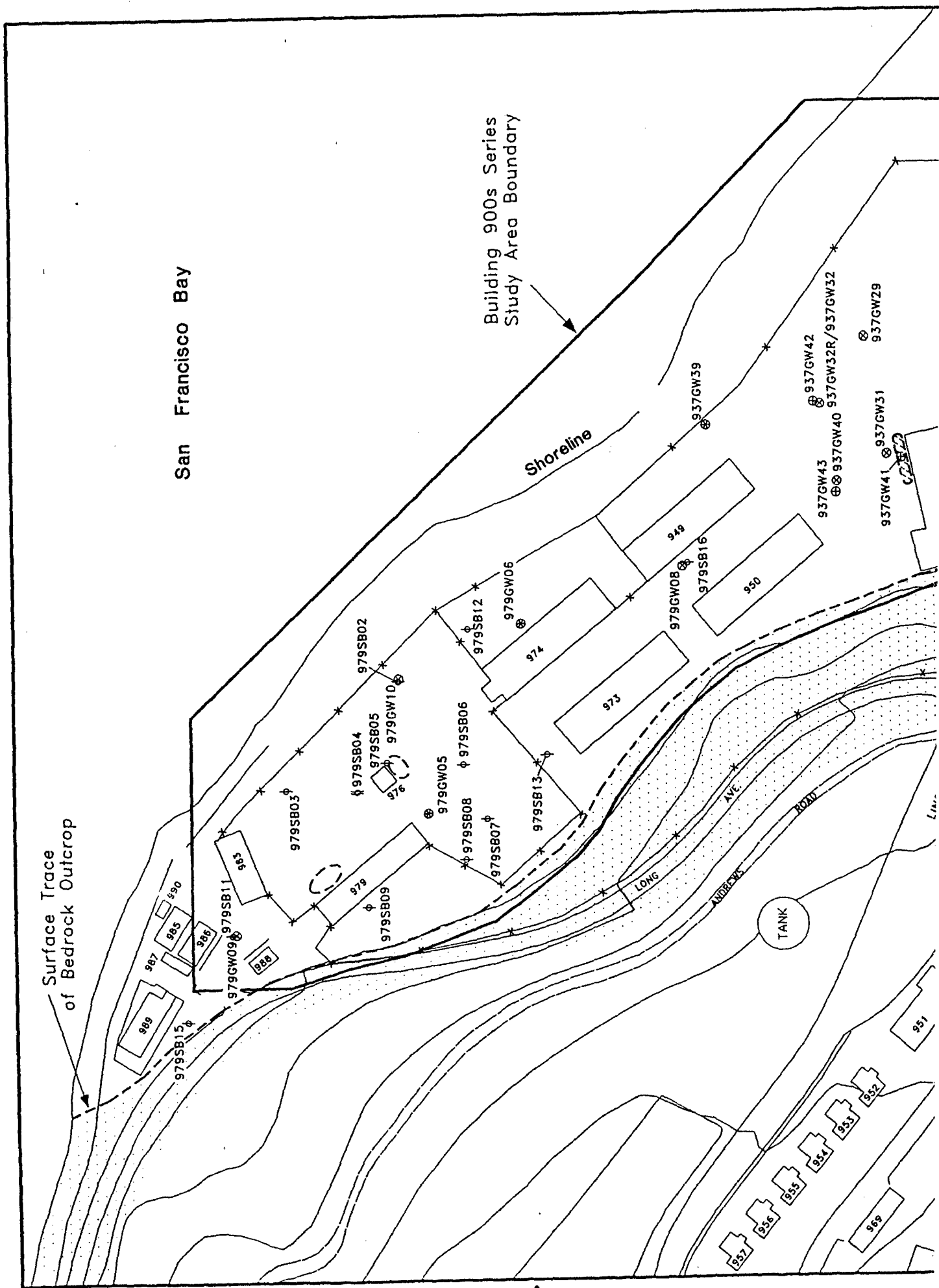
- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊕ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊖ DISCRETE GROUNDWATER SAMPLE
- (---) APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- 175--- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER
- NOTE: SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE. PARENTHESES INDICATE WELLS REMOVED DURING IRA TANK EXCAVATIONS.



BUILDING 900s SERIES STUDY AREA, CURRENT SHALLOW MONITORING WELLS AND DISCRETE GROUNDWATER SAMPLE LOCATIONS

PSF25023/DV1

Date: January 1997 Figure 6.2-1



Surface Trace
of Bedrock Outcrop

San Francisco Bay

Building 900s Series
Study Area Boundary

Shoreline

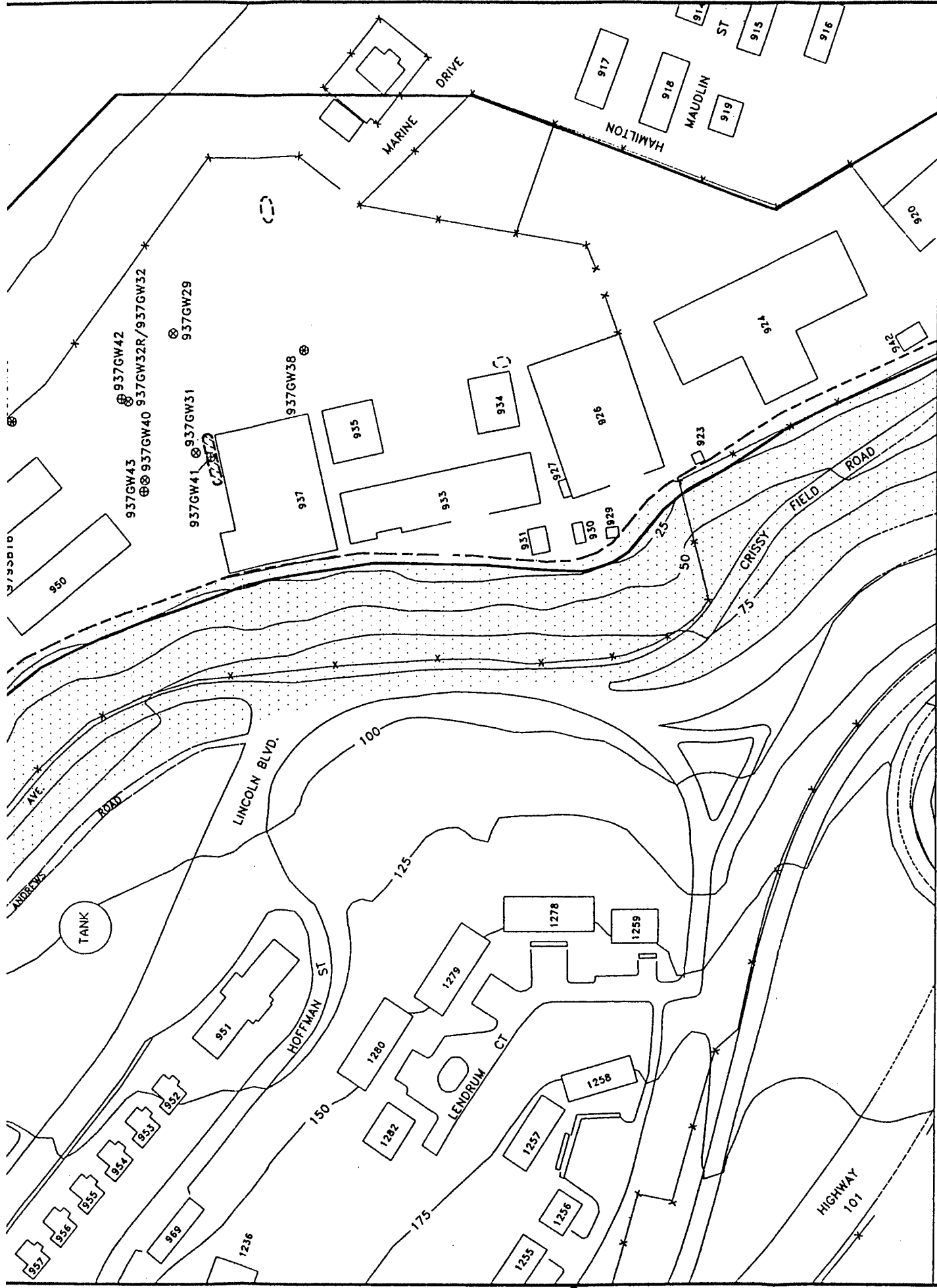
TANK

Long

Ave

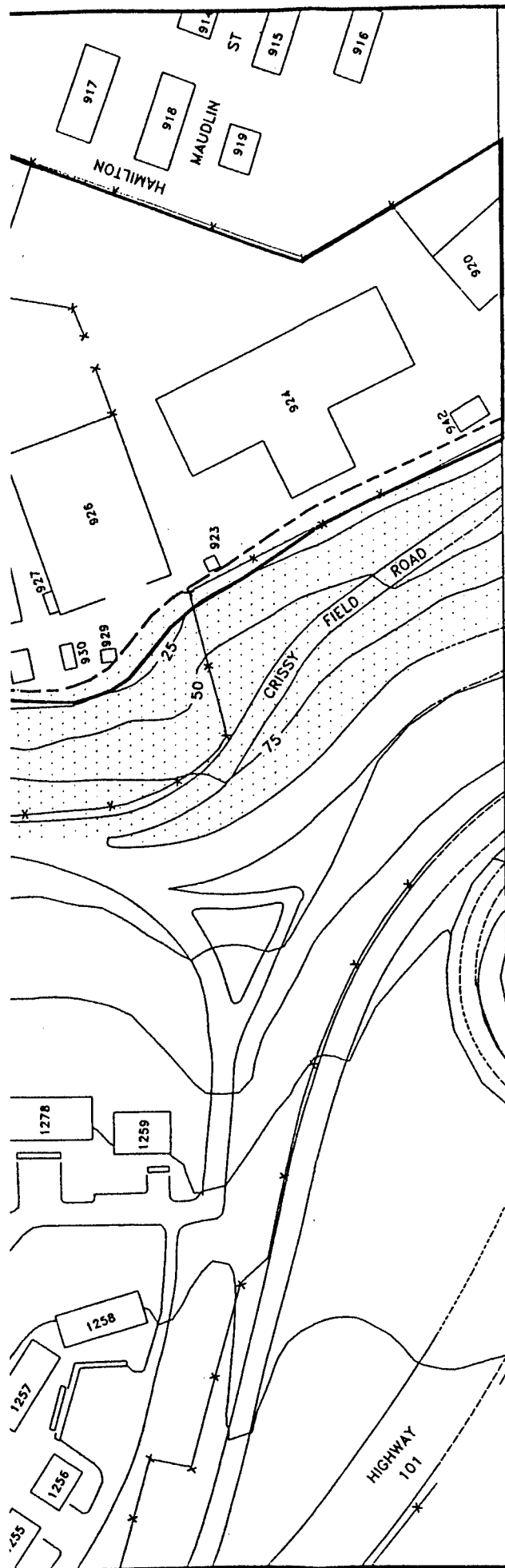
Road

Line



EXPLANATION

- ⊕ INTERMEDIATE MONITORING WELL
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP



EXPLANATION

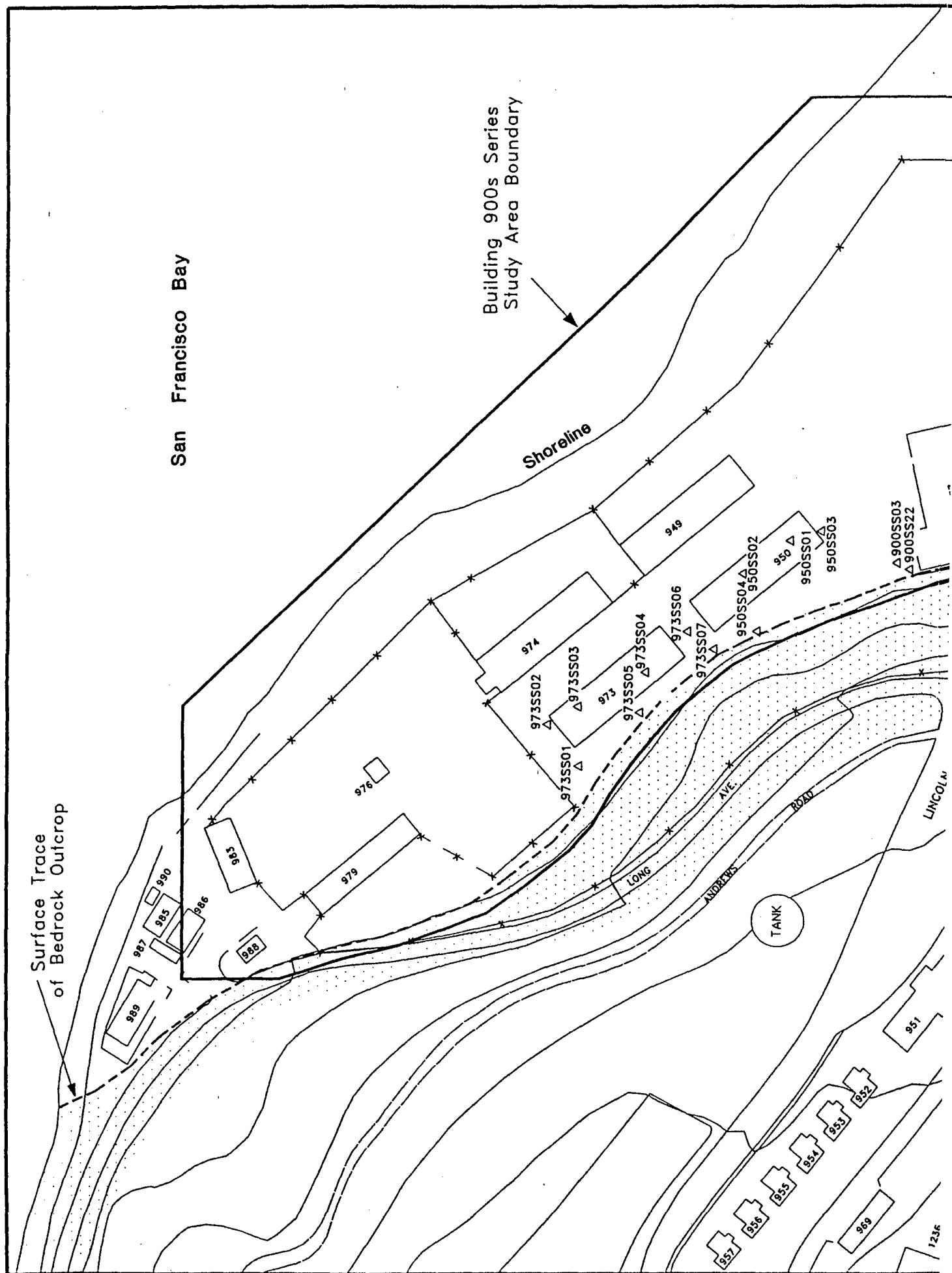
- ⊕ INTERMEDIATE MONITORING WELL
 - ⊗ DEEP MONITORING WELL
 - ⊙ DEEP MONITORING WELL WITH SOIL SAMPLES
 - ⊕ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
 - ⊙ DISCRETE GROUNDWATER SAMPLE
 - APPROXIMATE LOCATION OF USTs
 - APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- NOTE:
- INTERMEDIATE MONITORING WELLS ARE SCREENED ENTIRELY WITHIN THE SATURATED ZONE AND ABOVE BEDROCK
 - DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.

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**BUILDING 900s SERIES STUDY AREA,
CURRENT INTERMEDIATE AND DEEP
MONITORING WELLS AND DISCRETE
GROUNDWATER SAMPLE LOCATIONS**

PSF25091\DV1

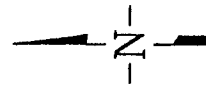
Date: January 1997 Figure 6.2-2





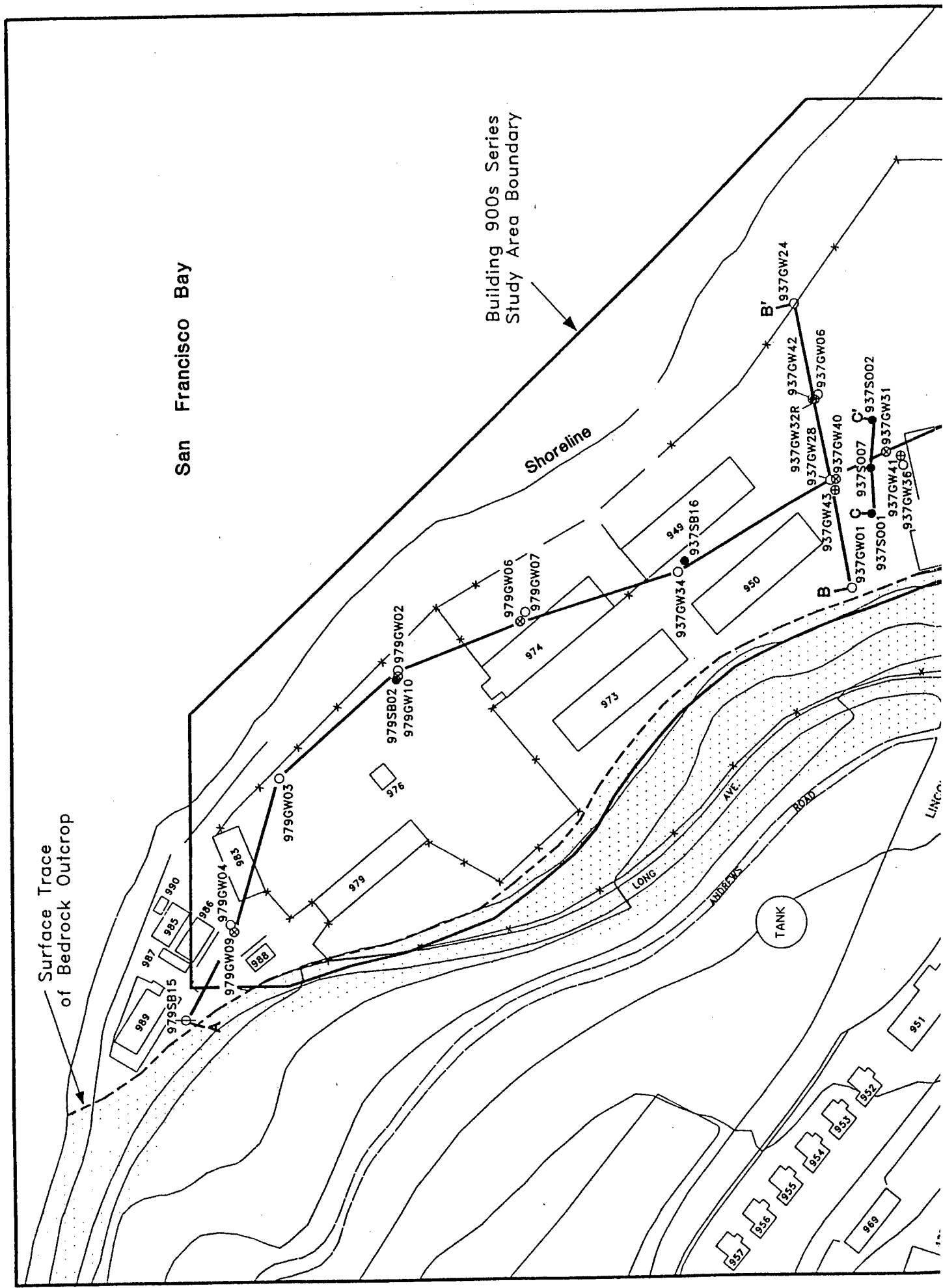
EXPLANATION

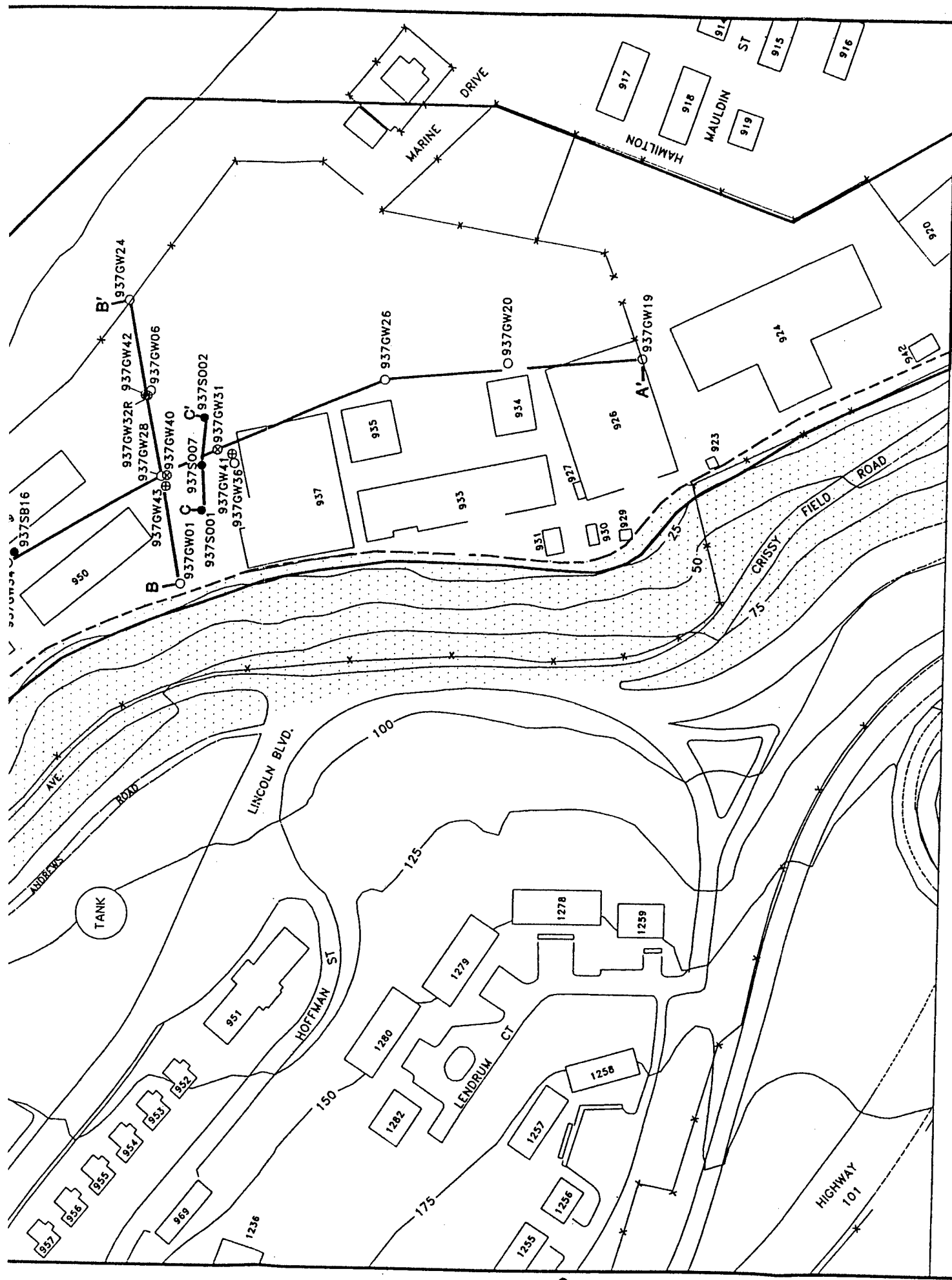
- △ SURFACE SOIL SAMPLE
- - - - - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- 175— TOPOGRAPHIC CONTOUR



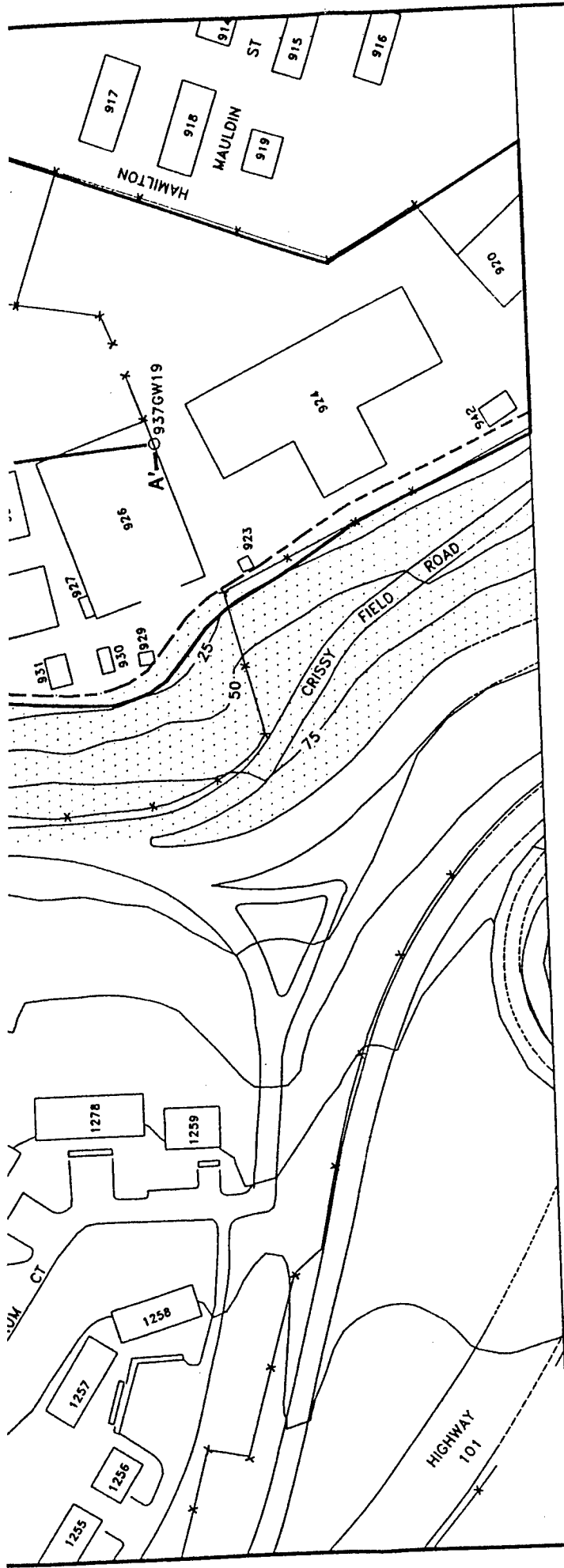
DAMES & MOORE

BUILDING 900s SERIES STUDY AREA



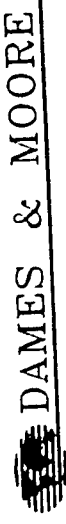
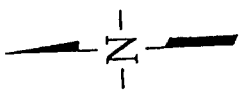


EXPLANATION



EXPLANATION

- SOIL BORING
- DISCRETE GROUNDWATER SAMPLE
- SHALLOW MONITORING WELL
- INTERMEDIATE MONITORING WELL
- DEEP MONITORING WELL
- CROSS-SECTION LINE
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER



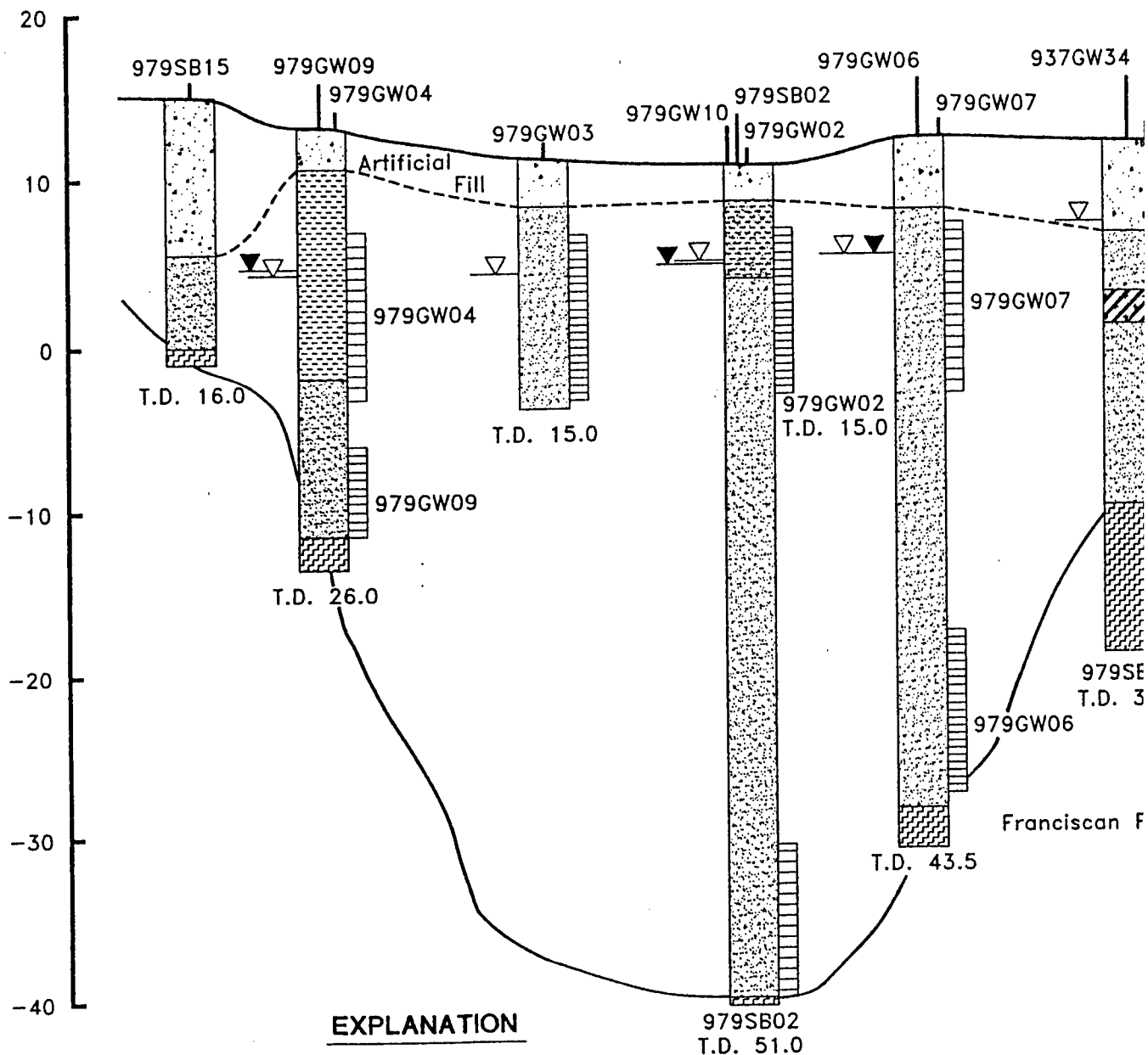
BUILDING 900s SERIES STUDY AREA, CROSS-SECTION LOCATIONS

PSF25116/DV1

Date: January 1997 Figure 6.3-1

North-Northwest

A
Elevation
(ft-PLL)



EXPLANATION

| | | | | | |
|--|-----------------|--|--------------------------------|--------|-------------|
| | Artificial Fill | | Water Level Shallow Wells | | Contact, |
| | Organic Matter | | Water Level Intermediate Wells | ft-PLL | feet-Pre |
| | Clay | | Water Level Deep Wells | | Well Screen |
| | Silt | | | | |
| | Sand | | | | |
| | Gravel | | | | |
| | Serpentinite | | | | |

Water Level 03/16/95, 0957-1035 PST
High Tide: 1050 PST: 5.4 ft-PLL

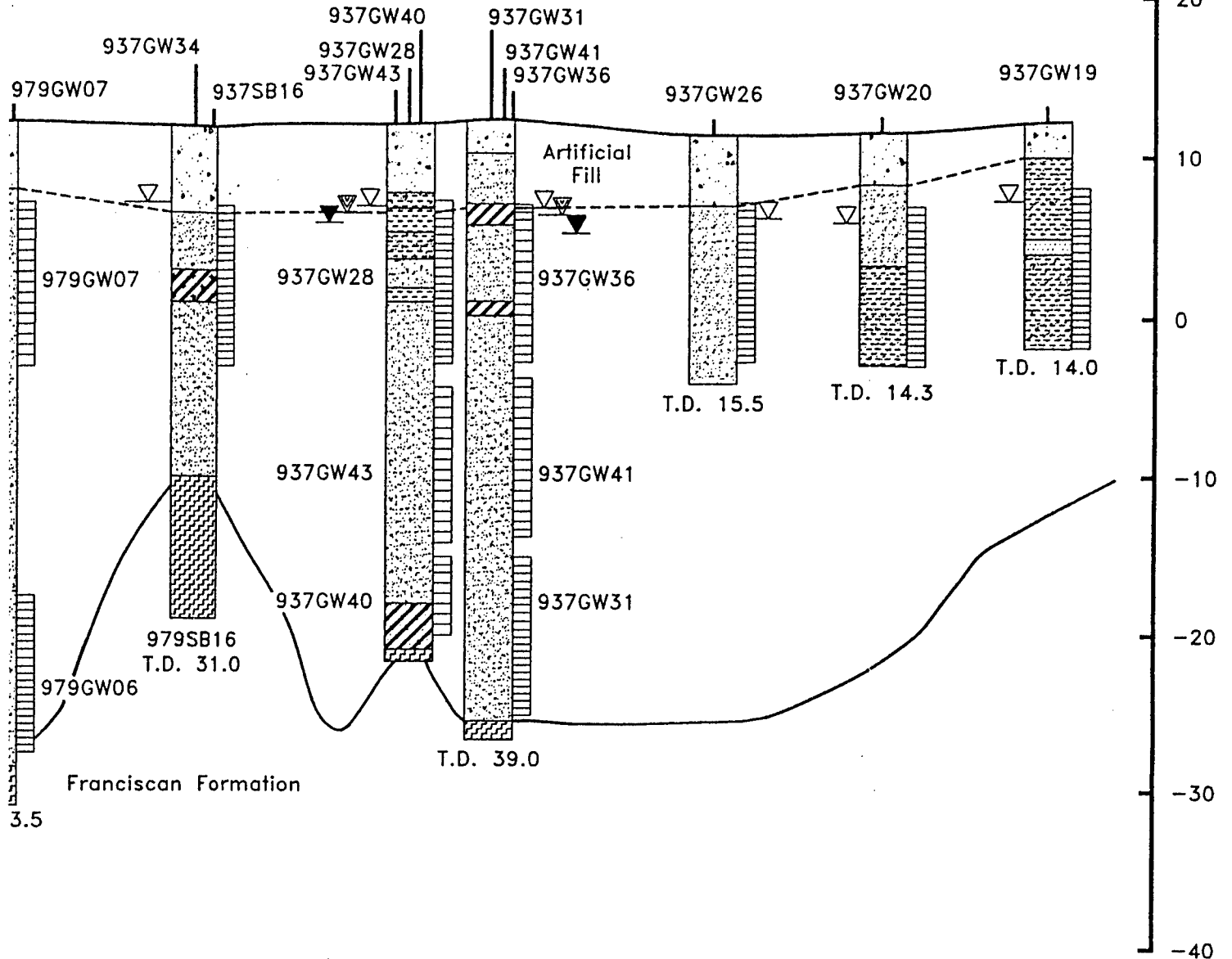
T.D. Total Depth (ft bgs)

Cross-Section
B-B'
Intersection

South-Southeast

A'

Elevation
(ft-PLL)

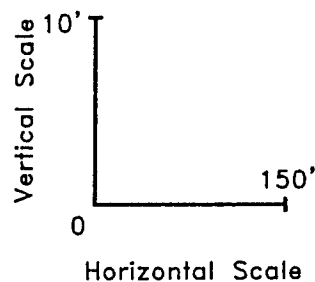


----- Contact, dashed where inferred

-PLL feet-Presidio Lower Low Water



Well Screen Interval



Note: Franciscan Formation contact based on well logs and bedrock structure contour map (Figure 6.3-5)

DAMES & MOORE

BUILDING 900s SERIES ST
CROSS SECTION /

PSF25106/DV1

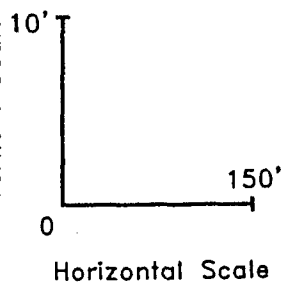
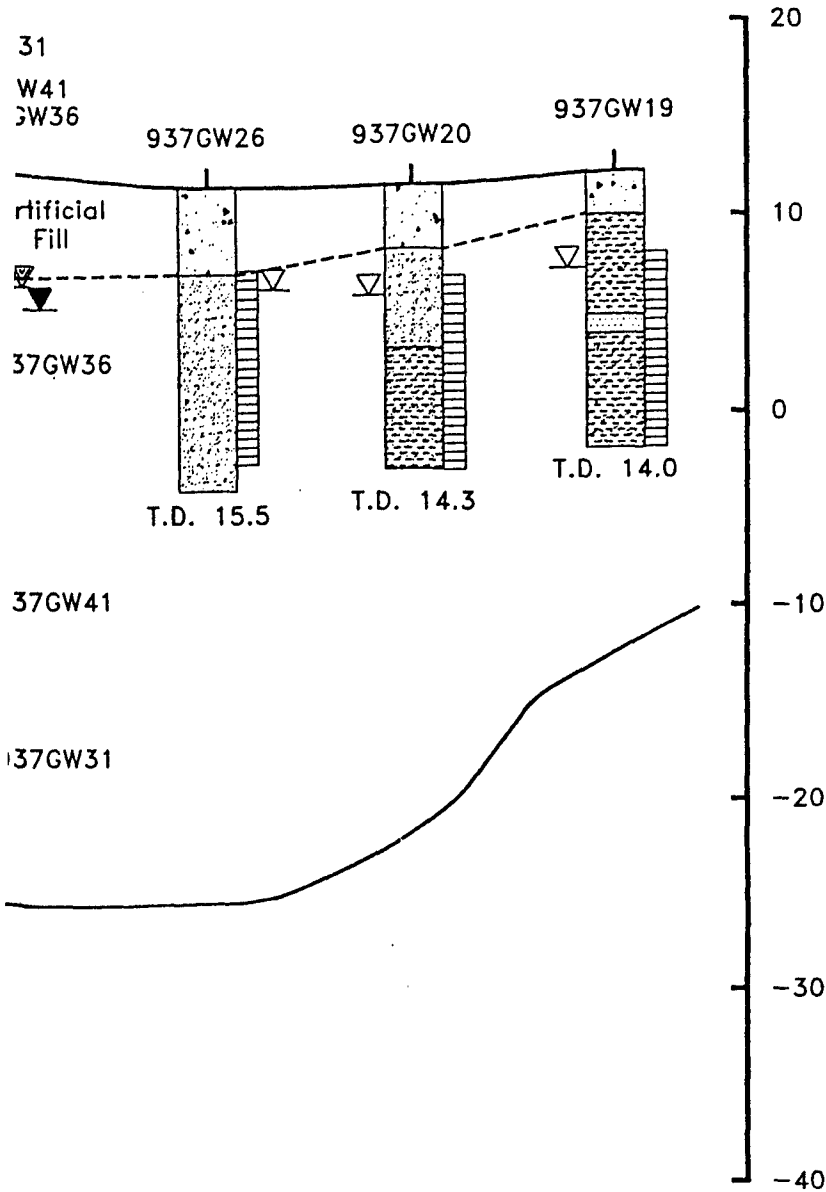
Date: January 1997

Figure

South-Southeast

A'

Elevation
(ft-PLL)



 **DAMES & MOORE**

**BUILDING 900s SERIES STUDY AREA
CROSS SECTION A-A'**

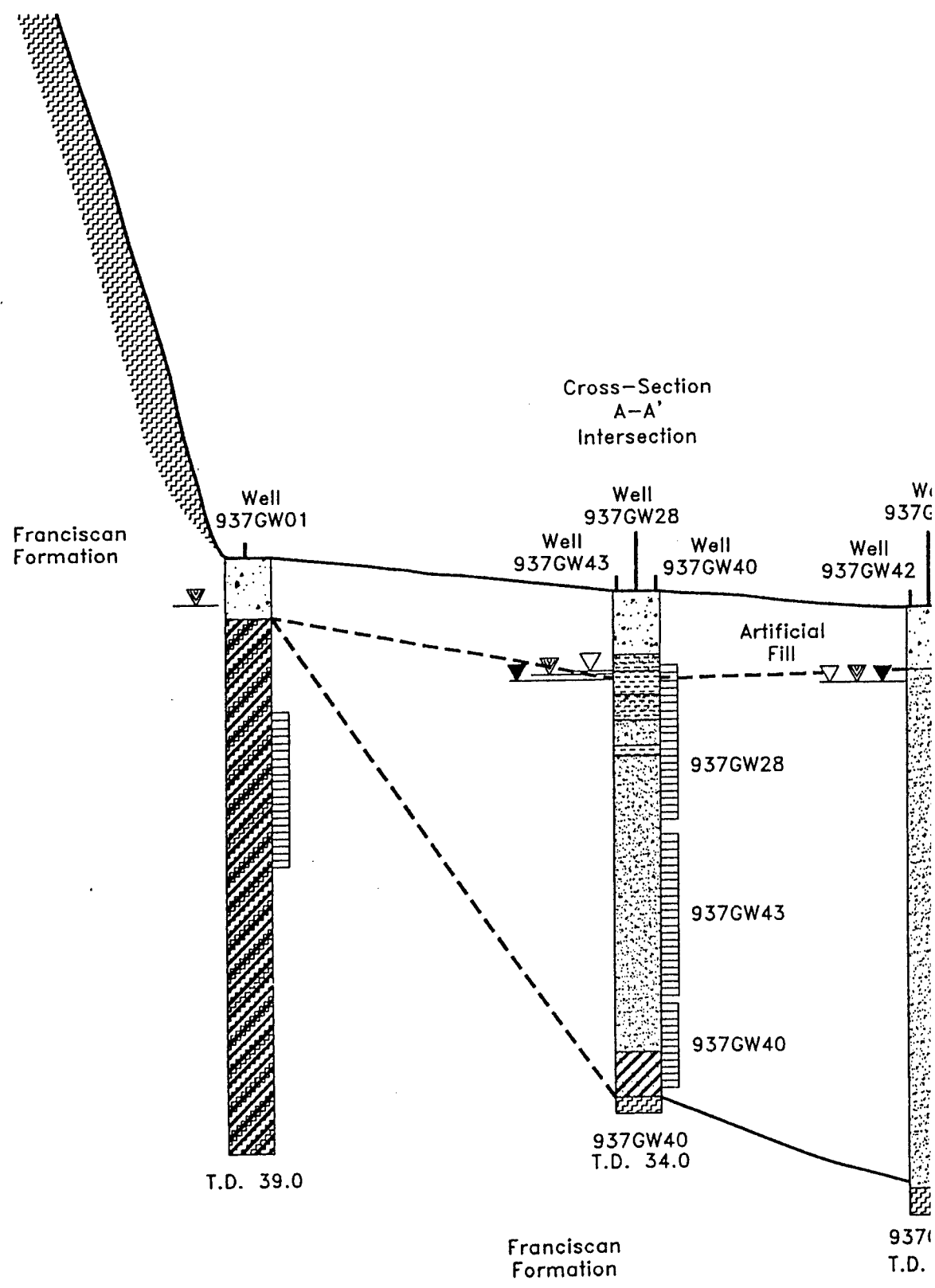
PSF25106/DV1

Date: January 1997

Figure 6.3-2

iscan Formation contact based
ell logs and bedrock structure
ur map (Figure 6.3-5)








West
B
Elevation
(ft-PLL)



East
B'

Elevation
(ft-PLL)

EXPLANATION

-  Artificial Fill
-  Debris Fill
-  Clay
-  Silt
-  Sand
-  Gravel
-  Serpentinite

--- Contact, dashed where inferred

Water Level 03/16/95, 0957

High Tide: 1050 PST, 5.4 ft

 Water Level Shallow Wells

 Water Level Intermediate Well

 Water Level Deep Wells

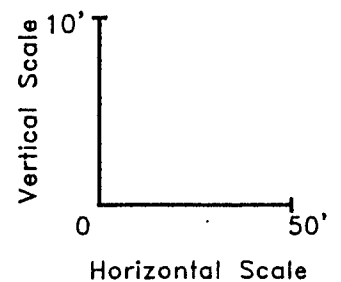
T.D. Total Depth (ft bgs)

ft-PLL feet-Presidio Lower Low Water



Well Screen Interval

Note : Franciscan Formation contact on well logs and bedrock structural contour map (Figure 6.3-5)



Well
937GW32

Well
937GW42

Well
937GW06

Well
937GW24

Artificial
Fill

28

43

40

937GW06

T.D. 15.0

937GW42

937GW32

937GW32
T.D. 40.0

50

40

30

20

10


0

-10

-20

-30

-40

 DAMES & MOORE

BUILDING 900s SERIES ST
CROSS SECTION I

PSF25105/DV1

Date: January 1997

Figure

East
B'

Elevation
(ft-PLL)

EXPLANATION



Artificial Fill



Debris Fill



Clay



Silt



Sand



Gravel



Serpentine

--- Contact, dashed where inferred

Water Level 03/16/95, 0957-1035 PST

High Tide: 1050 PST, 5.4 ft mll



Water Level Shallow Wells



Water Level Intermediate Wells



Water Level Deep Wells

T.D.

Total Depth (ft bgs)

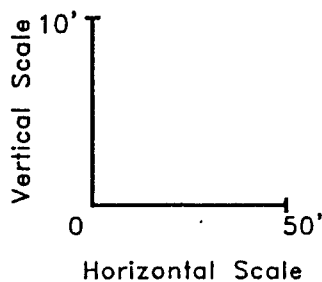
ft-PLL

feet-Presidio Lower Low Water



Well Screen Interval

Note : Franciscan Formation contact based on well logs and bedrock structure contour map (Figure 6.3-5)



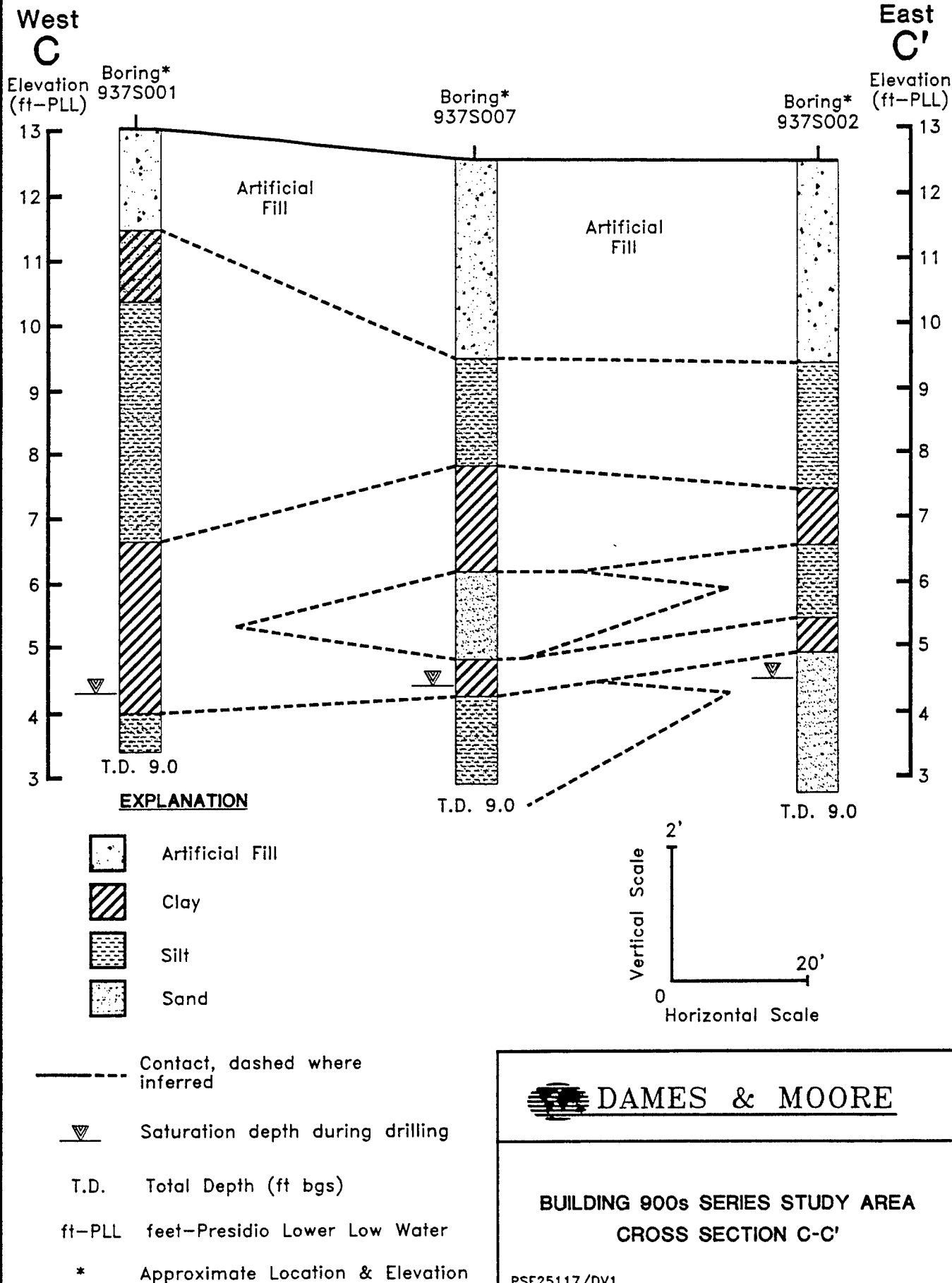
DAMES & MOORE

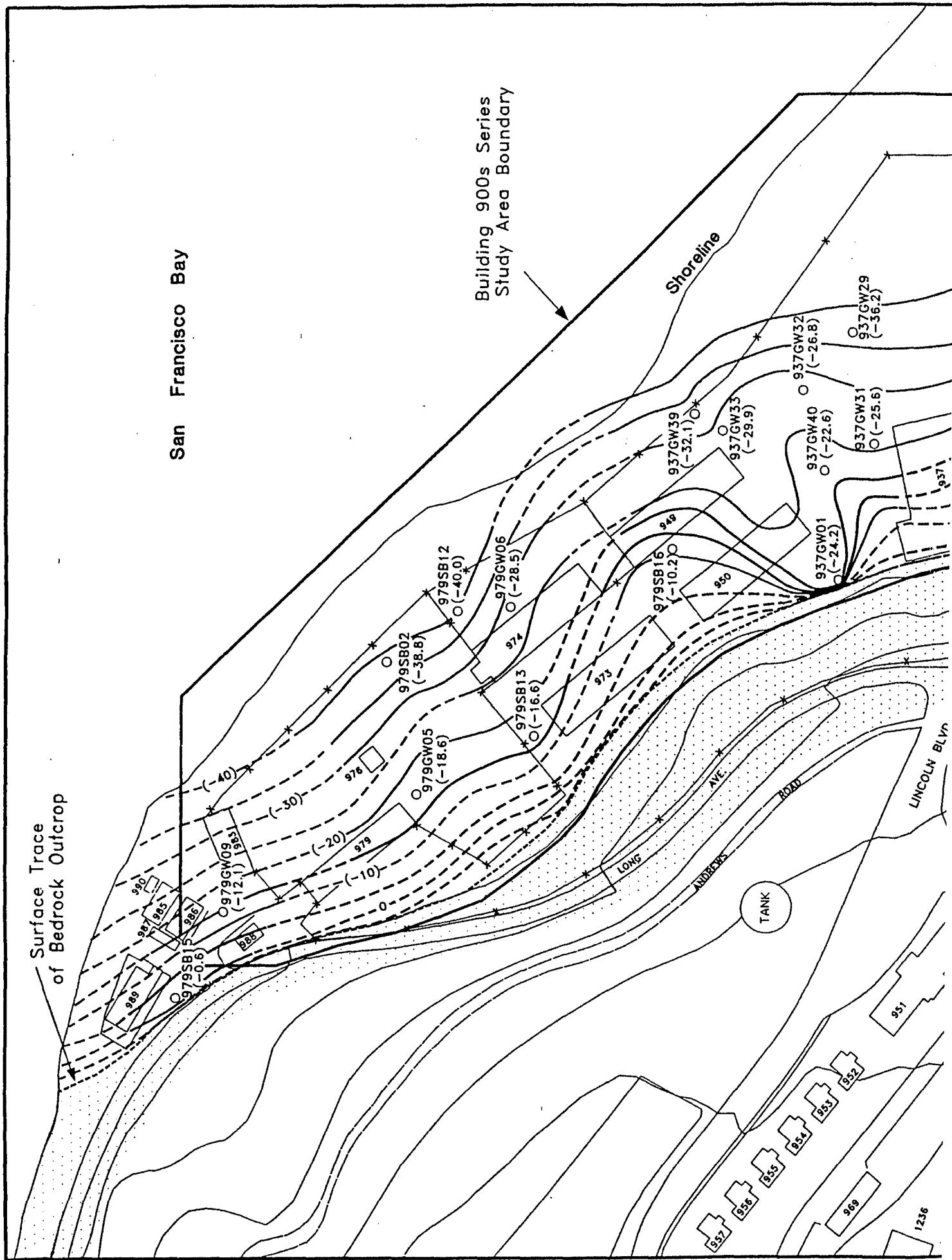
**BUILDING 900s SERIES STUDY AREA
CROSS SECTION B-B'**

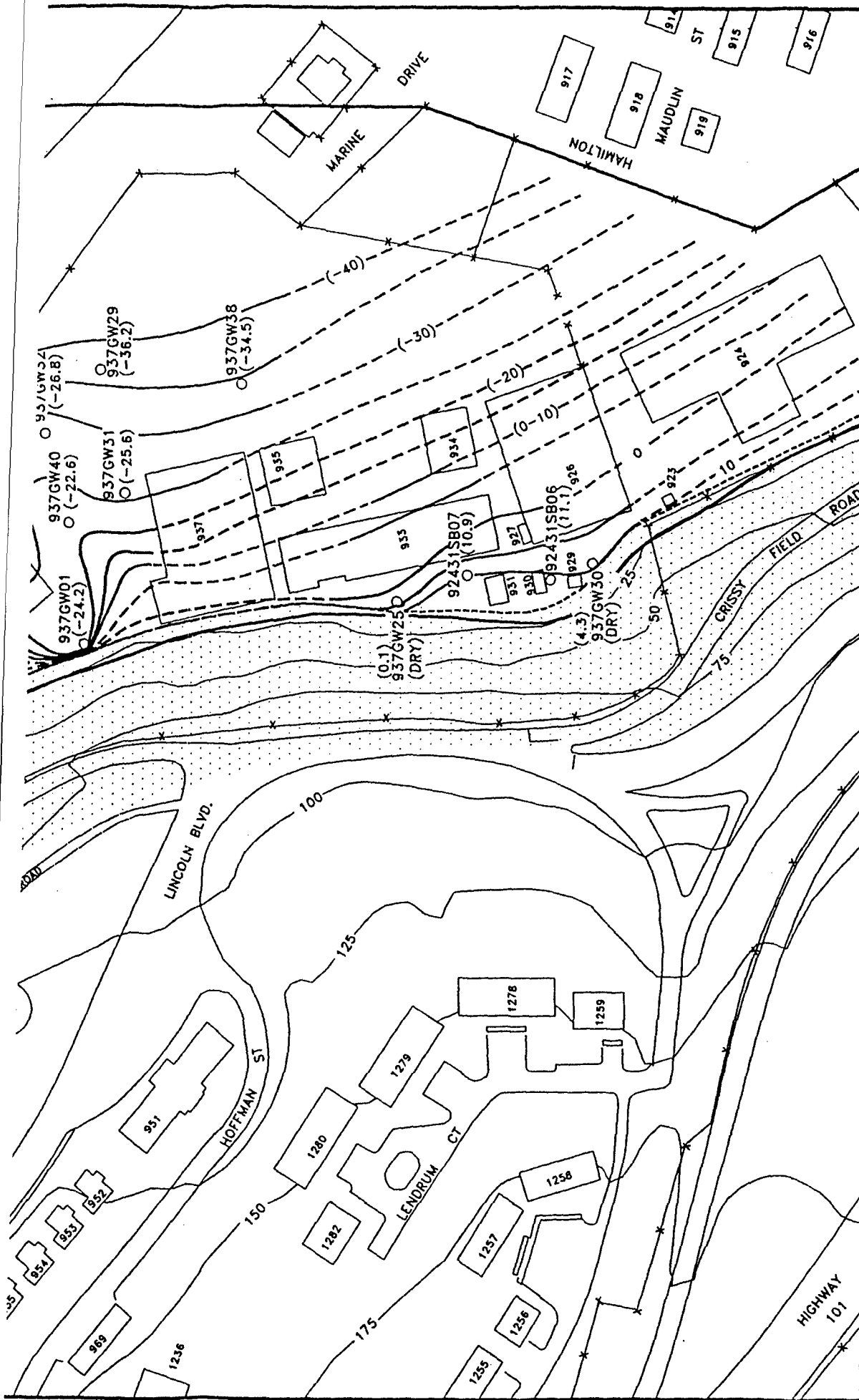
PSF25105/DV1

Date: January 1997

Figure 6.3-3

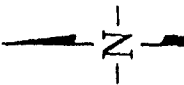






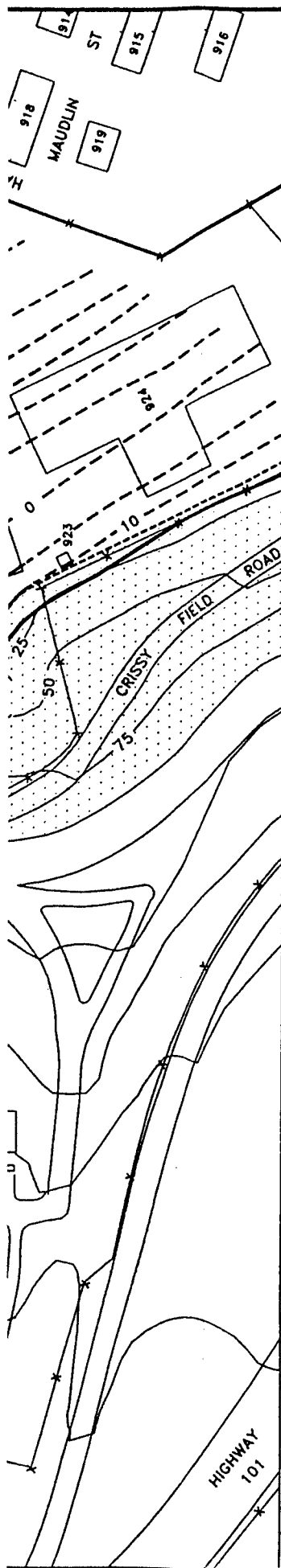
EXPLANATION

- CONTROL POINT
- (-29.9) BEDROCK ELEVATION (FT-PLL)
- TOPOGRAPHIC CONTOUR
CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN
FEET-PRESIDIO LOWER LOW WATER
- APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP



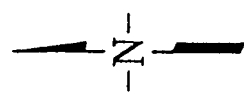
DAMES & MOORE

BUILDING 900s SERIES STUDY AREA



EXPLANATION

- CONTROL POINT
- (-29.9) BEDROCK ELEVATION (FT-PLL)
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- -30 --- TOP OF BEDROCK STRUCTURE CONTOUR DASHED WHERE INFERRED CONTOUR INTERVAL 5 FEET
- 75- TOPOGRAPHIC CONTOUR CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

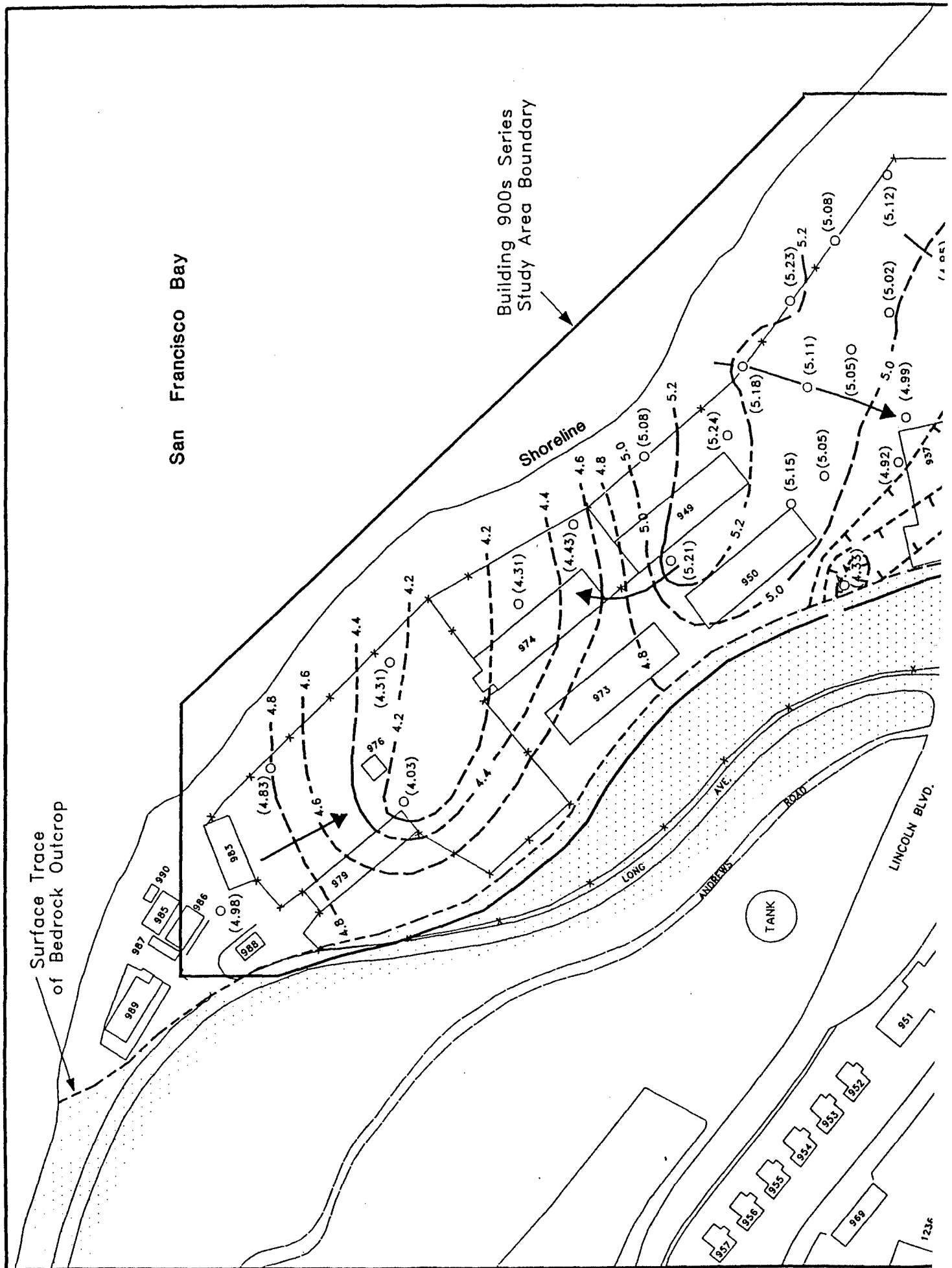


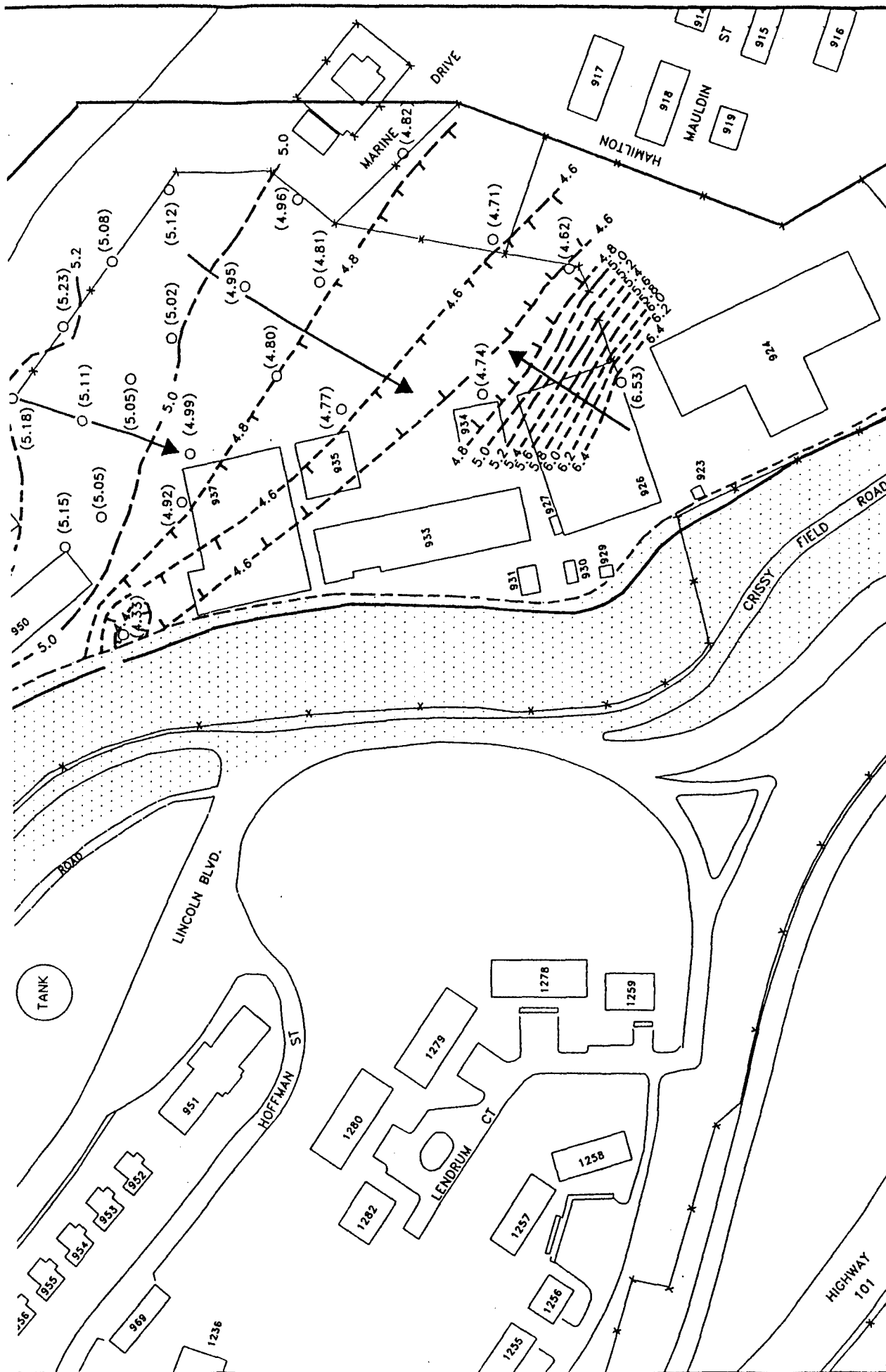
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BUILDING 900s SERIES STUDY AREA BEDROCK STRUCTURE CONTOUR MAP

PSF25062/DV1

Date: January 1997 Figure 6.3-5





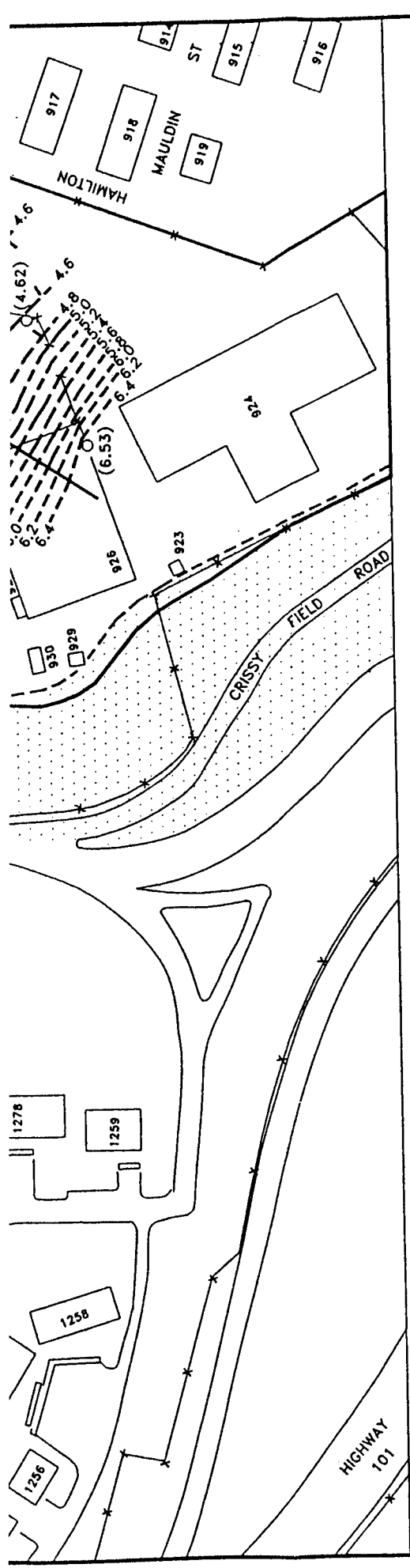
EXPLANATION

O MONITORING WELL
(6.53) POTENTIOMETRIC SURFACE
ELEVATION
(11/9/92)

APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP

SECRET

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EXPLANATION

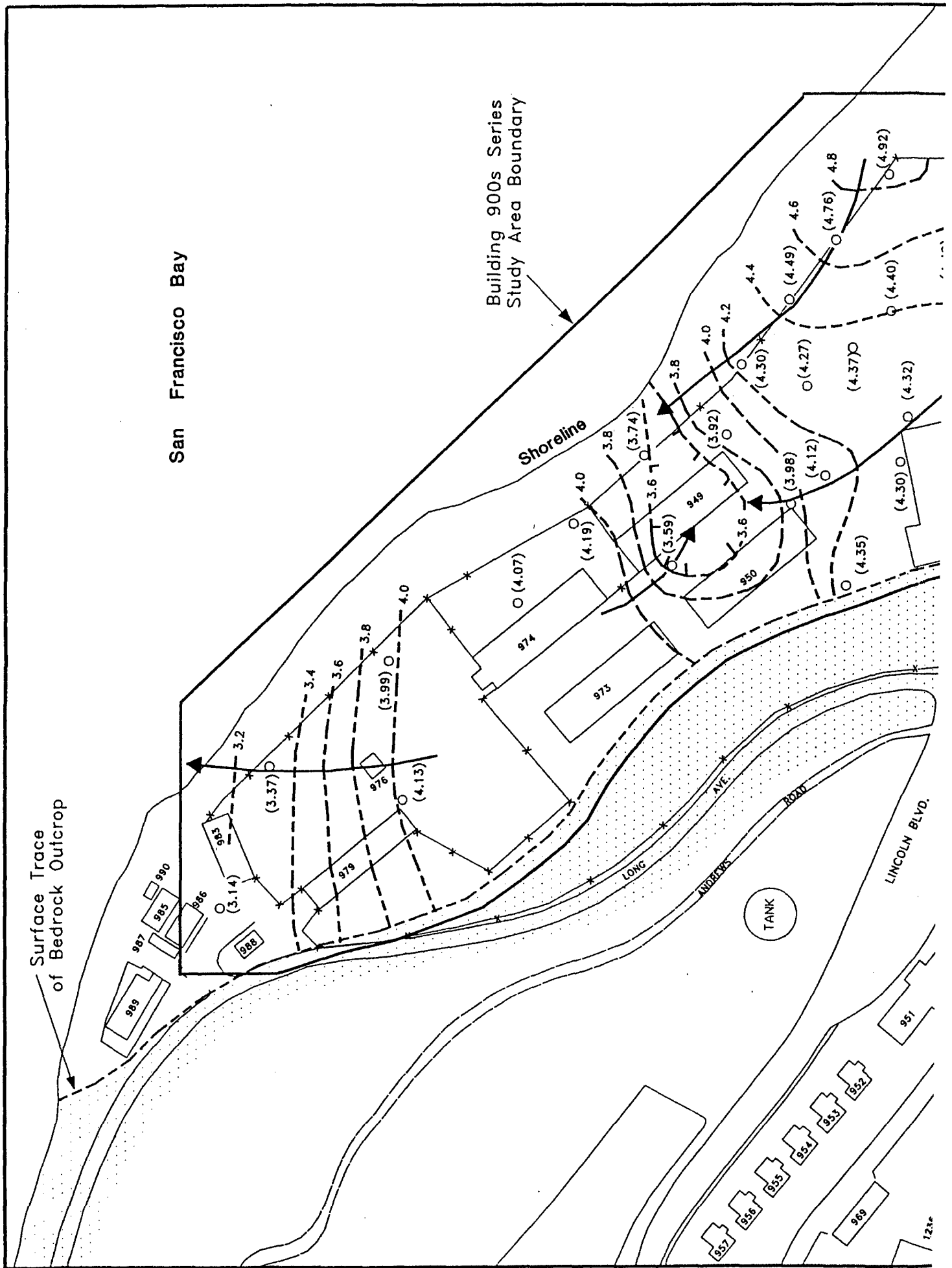
- MONITORING WELL
(6.53)
- 5.0 — EQUIPOTENTIAL CONTOUR,
(DASHED WHERE INFERRED)
- — — — — GROUNDWATER FLOW
DIRECTION
- APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP
- ELEVATIONS IN
FEET—PRESIDIO LOWER LOW WATER
- NOTE: WATER-LEVEL MEASUREMENTS TAKEN
NOVEMBER 9, 1992, 0933-1008 PST,
HIGHER-HIGH TIDE: 1001 PST, 6.1 FT-PLL

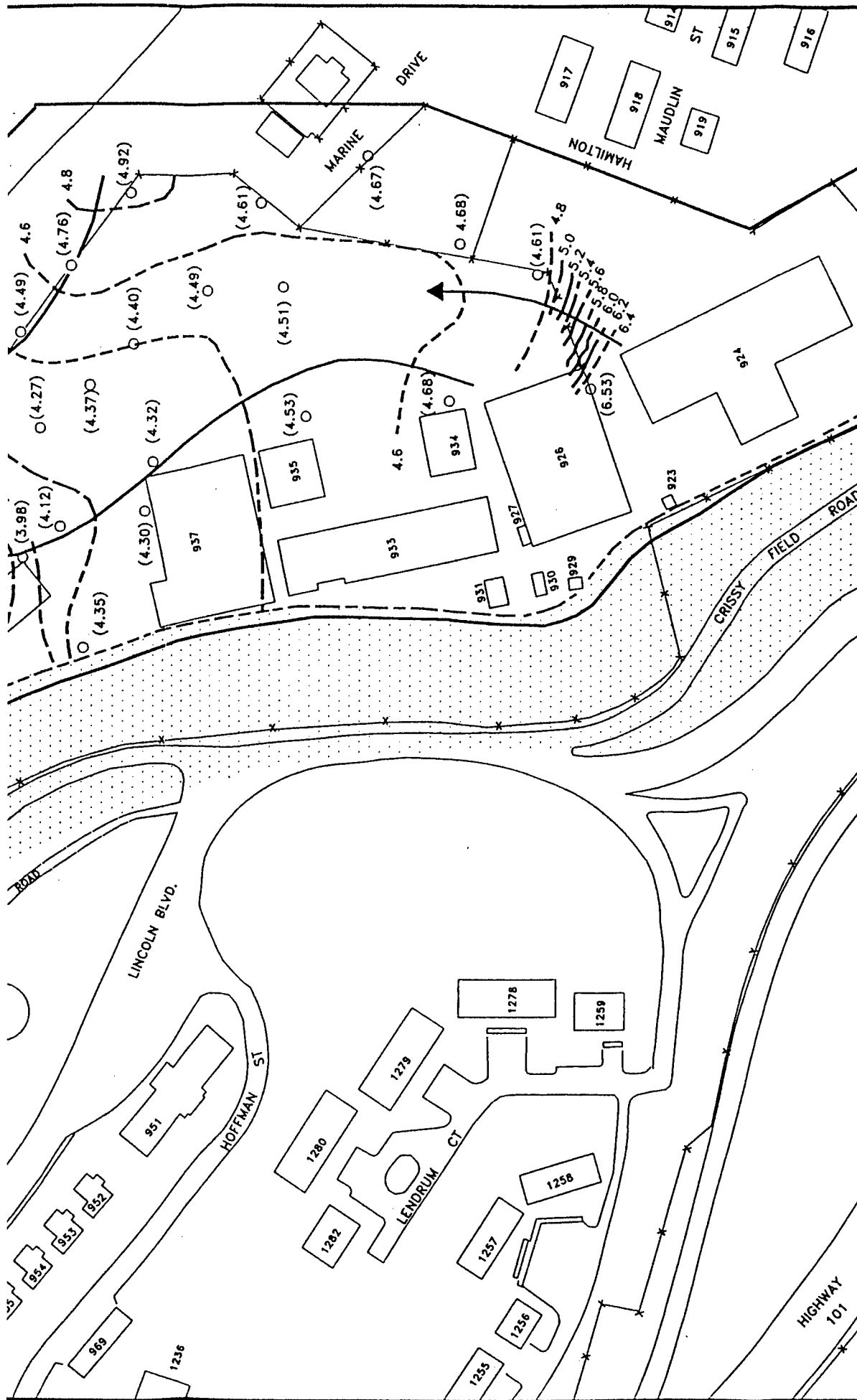
DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
POTENTIOMETRIC SURFACE MAP,
SHALLOW MONITORING WELLS
HIGHER-HIGH TIDE 1992**

PSF25123/DV1

Date: January 1997 Figure 6.3-6





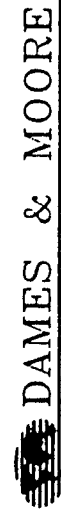
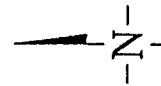
EXPLANATION

O
(6.53) MONITORING WELL
POTENTIOMETRIC SURFACE
ELEVATION
(11/9/92)

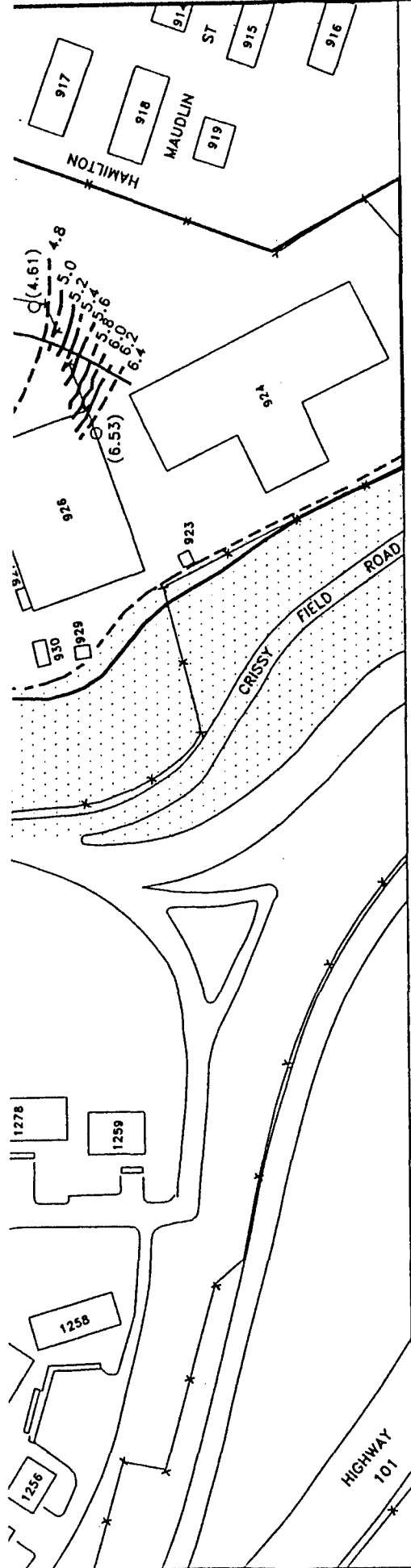
APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP

CONTOUR INTERVAL 0.2 FEET

— 5.0 — EQUIPOTENTIAL CONTOUR,



BUILDING 900S SERIES STUDY AREA



EXPLANATION

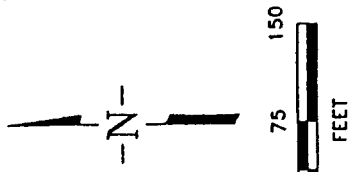
- (6.53) MONITORING WELL
POTENTIOMETRIC SURFACE
ELEVATION
(11/9/92)
- 5.0 — EQUIPOTENTIAL CONTOUR,
(DASHED WHERE INFERRED)
- GROUNDWATER FLOW
DIRECTION

APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP

CONTOUR INTERVAL 0.2 FEET

ELEVATIONS IN
FEET-PRESIDIO LOWER LOW WATER

NOTE: WATER LEVEL MEASUREMENTS TAKEN
NOVEMBER 9, 1992, 1600-1635 PST,
LOWER-LOW TIDE: 1638 PST, -0.4 FT-PLL



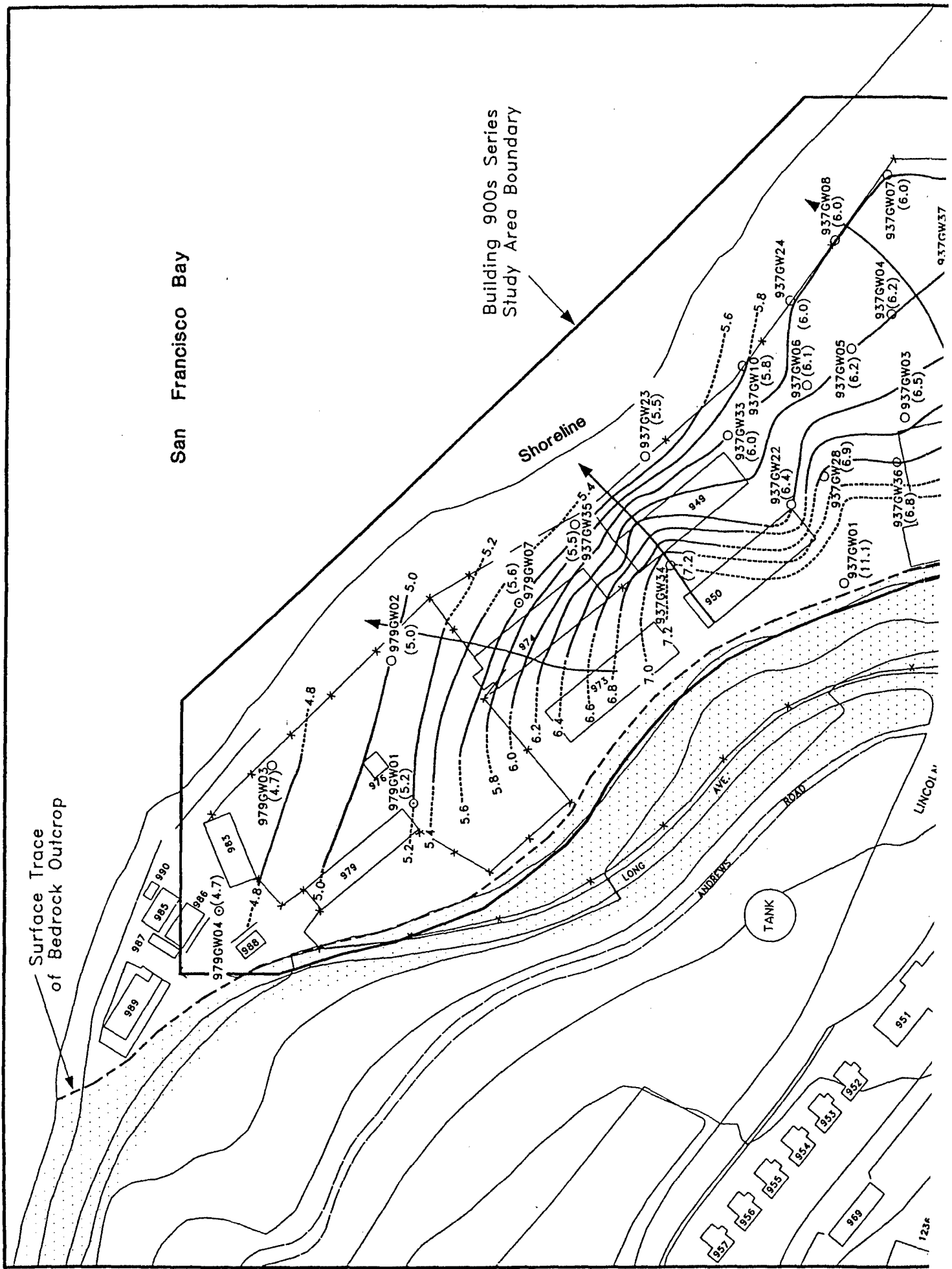
DAMES & MOORE

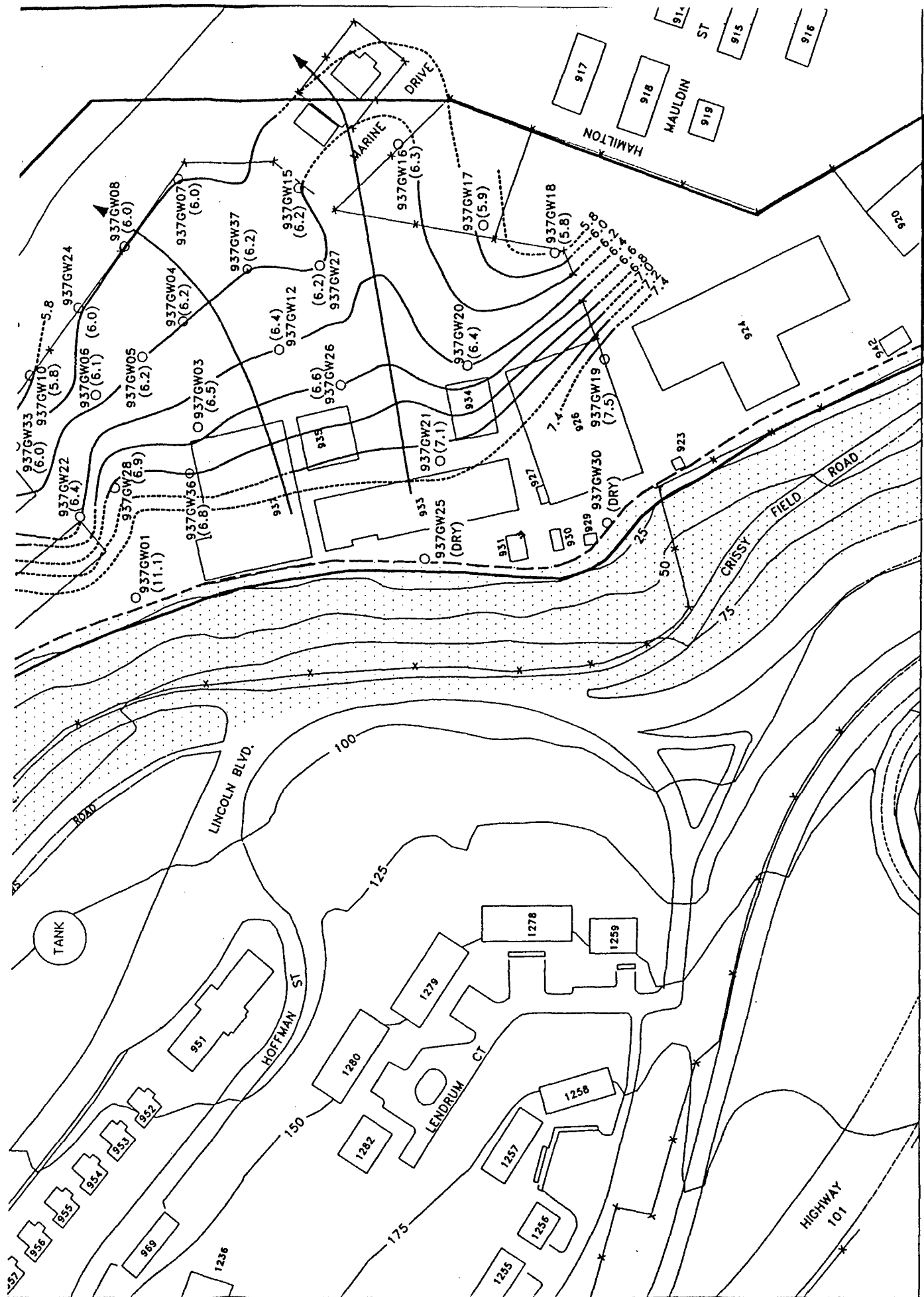
**BUILDING 900S SERIES STUDY AREA
POTENTIOMETRIC SURFACE MAP,
SHALLOW MONITORING WELLS
LOWER-LOW TIDE 1992**

PSF25124/DV1

Date: January 1997

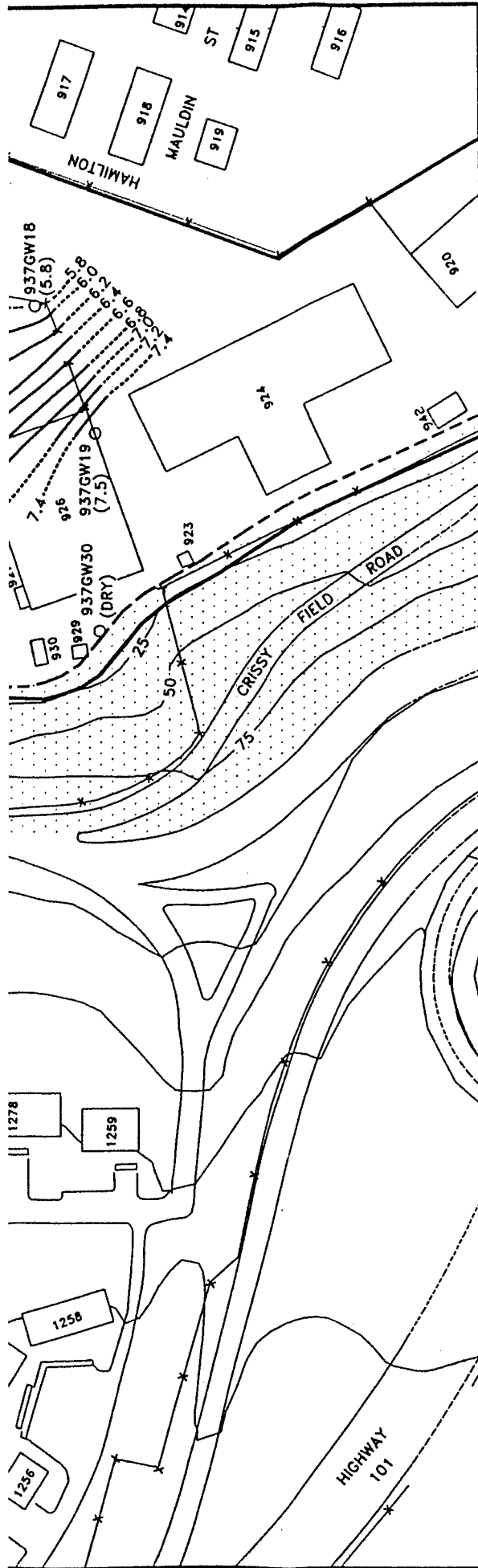
Figure 6.3-7





EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- - - - - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- - - - - TOPOGRAPHIC CONTOUR



EXPLANATION

SHALLOW MONITORING WELL

SHALLOW MONITORING WELL WITH SOIL SAMPLES

POTENTIOMETRIC SURFACE ELEVATION (03/16/95)

EQUIPOTENTIAL CONTOUR DASHED WHERE INFERRED

CONTOUR INTERVAL 0.2 FEET

GROUNDWATER FLOW DIRECTION

APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP

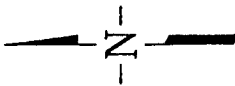
TOPOGRAPHIC CONTOUR

CONTOUR INTERVAL 25 FEET

ELEVATIONS IN FEET--PRESIDIO LOWER LOW WATER

SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE. WATER LEVEL MEASUREMENTS TAKEN MARCH 16, 1995 0957-1035PST, 0 HIGHER-HIGH TIDE: 1050 PST, 5.4 ft-PLL

NOTE:



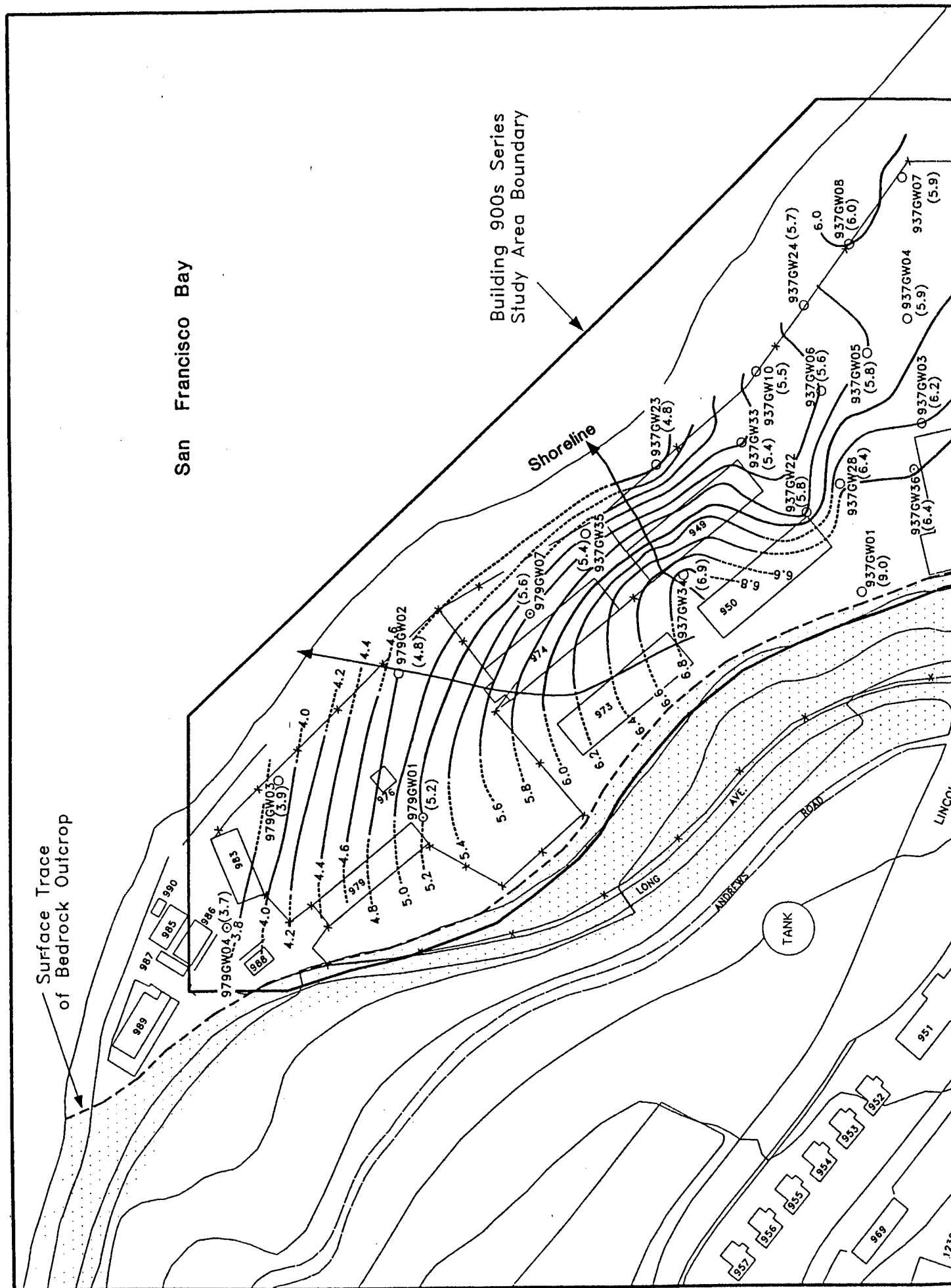
DAMES & MOORE

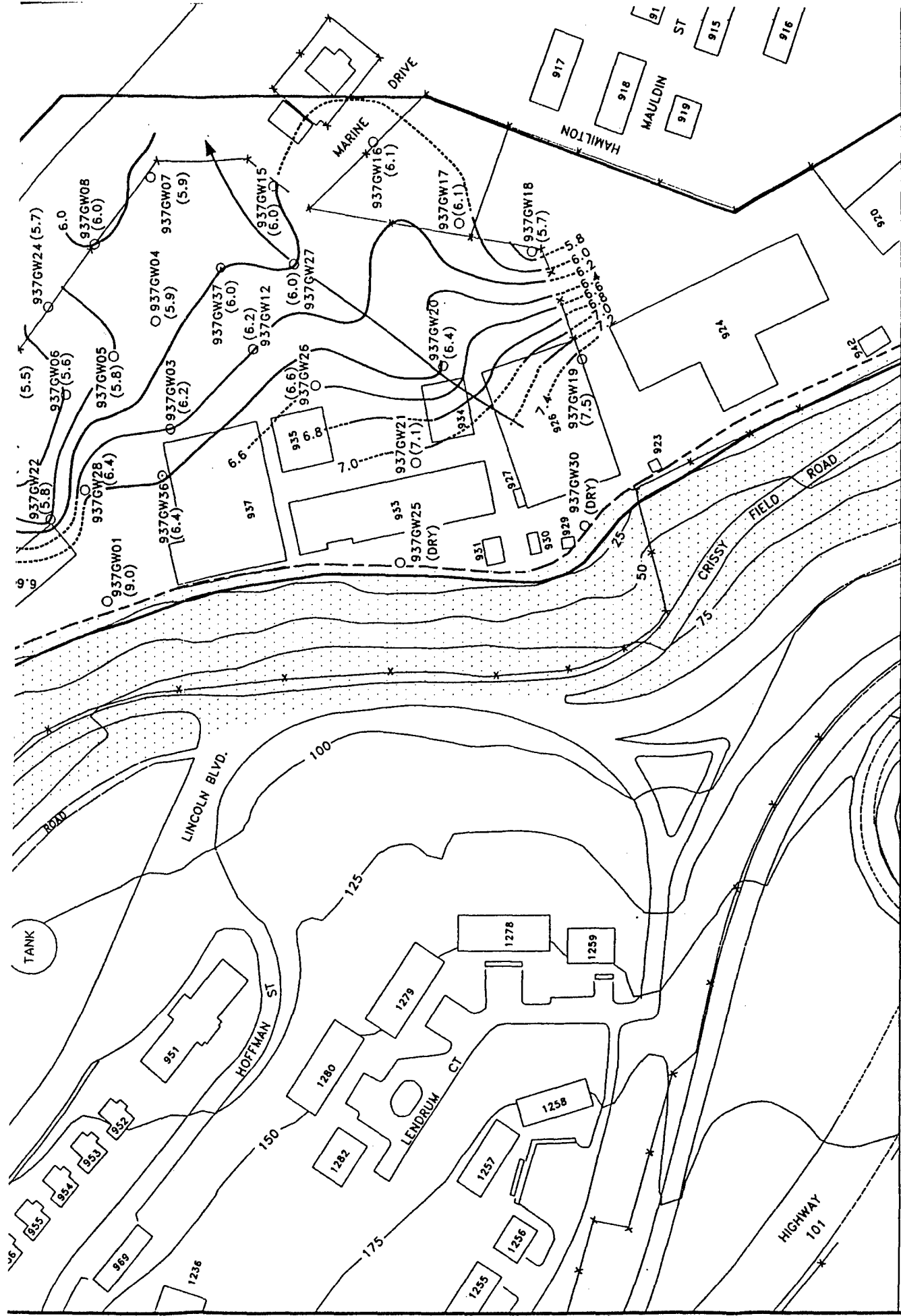
BUILDING 900s SERIES STUDY AREA,
POTENTIOMETRIC SURFACE MAP
SHALLOW MONITORING WELLS
HIGHER-HIGH TIDE 1995

PSF25104/DV1

Date: January 1997

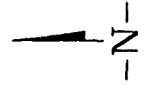
Figure 6.3-8



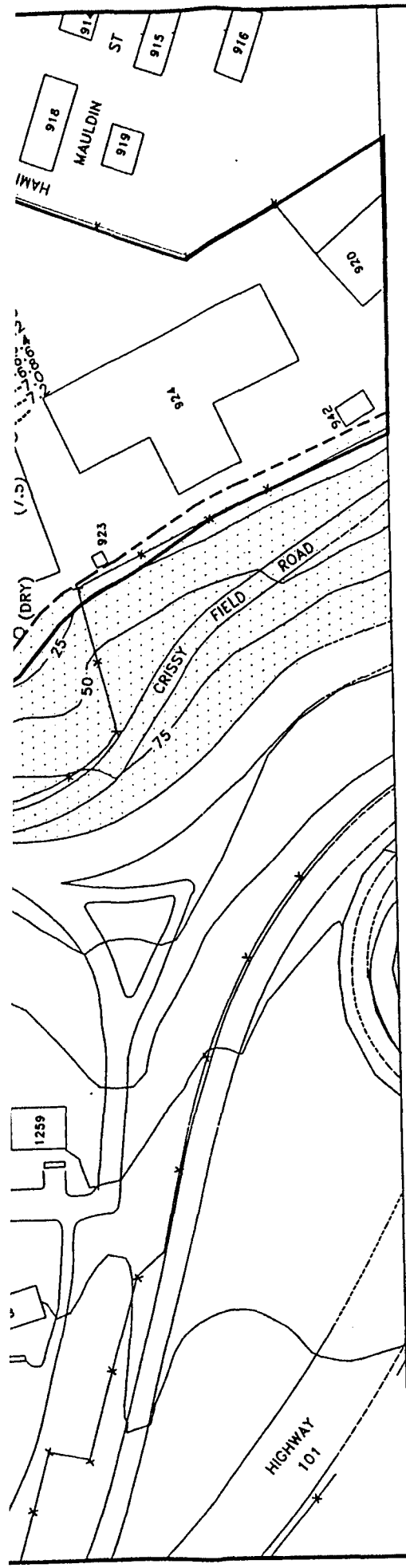


EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- (4.8) POTENTIOMETRIC SURFACE ELEVATION (03/16/95)
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET

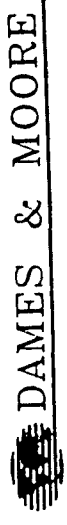
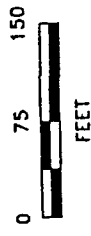
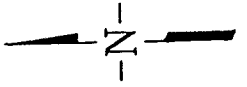


DAMES & MOORE



EXPLANATION

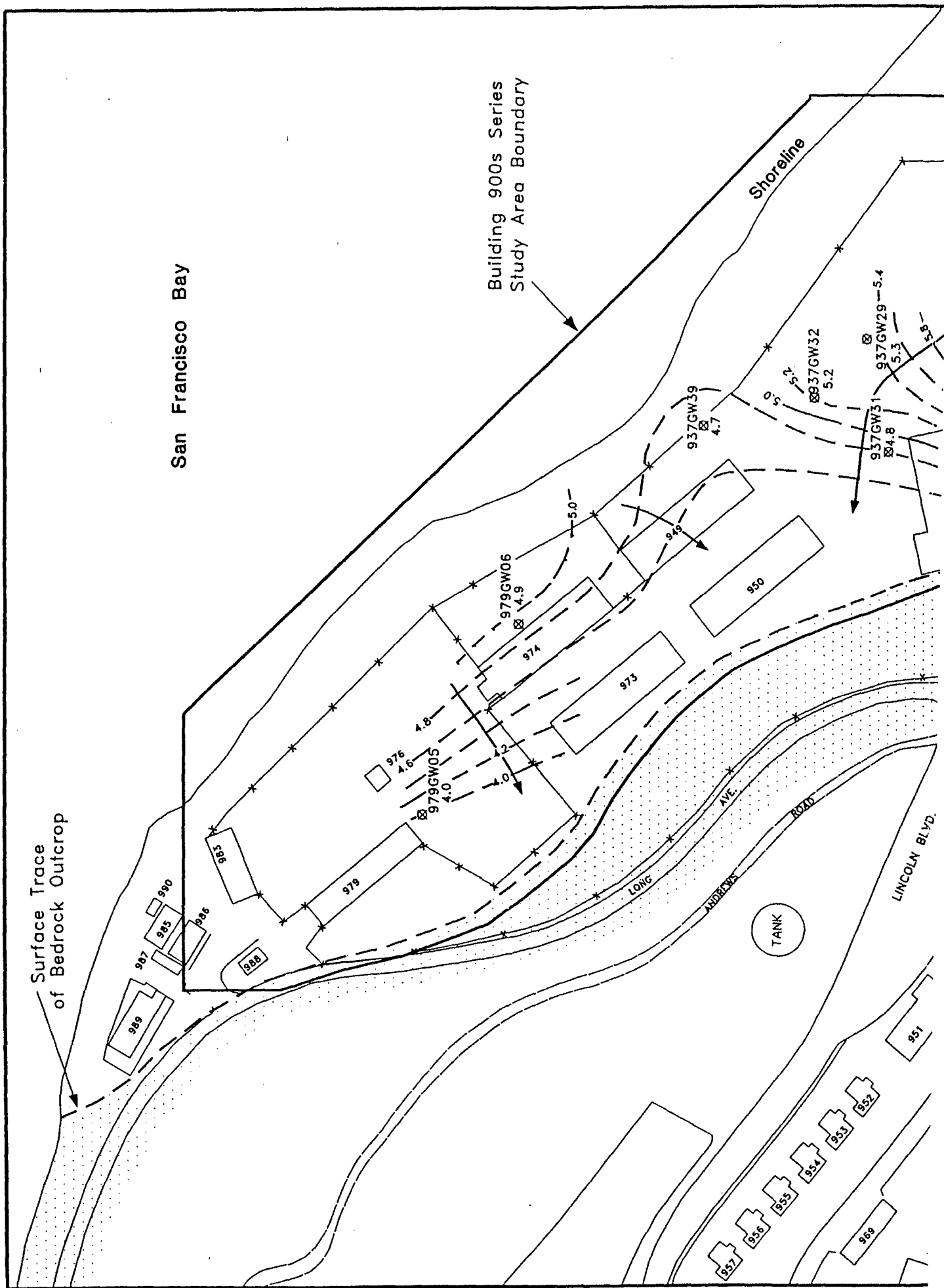
- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- (4.8) POTENTIOMETRIC SURFACE ELEVATION (03/16/95)
- EQUIPOTENTIAL CONTOUR DASHED WHERE INFERRED CONTOUR INTERVAL 0.2 FEET
- GROUNDWATER FLOW DIRECTION
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER
- SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE. WATER LEVEL MEASUREMENTS TAKEN MARCH 16, 1995 1640-1705 PST LOWER-LOW TIDE: 1650 PST, 0.2 FT-PLL

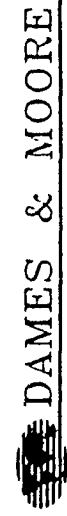
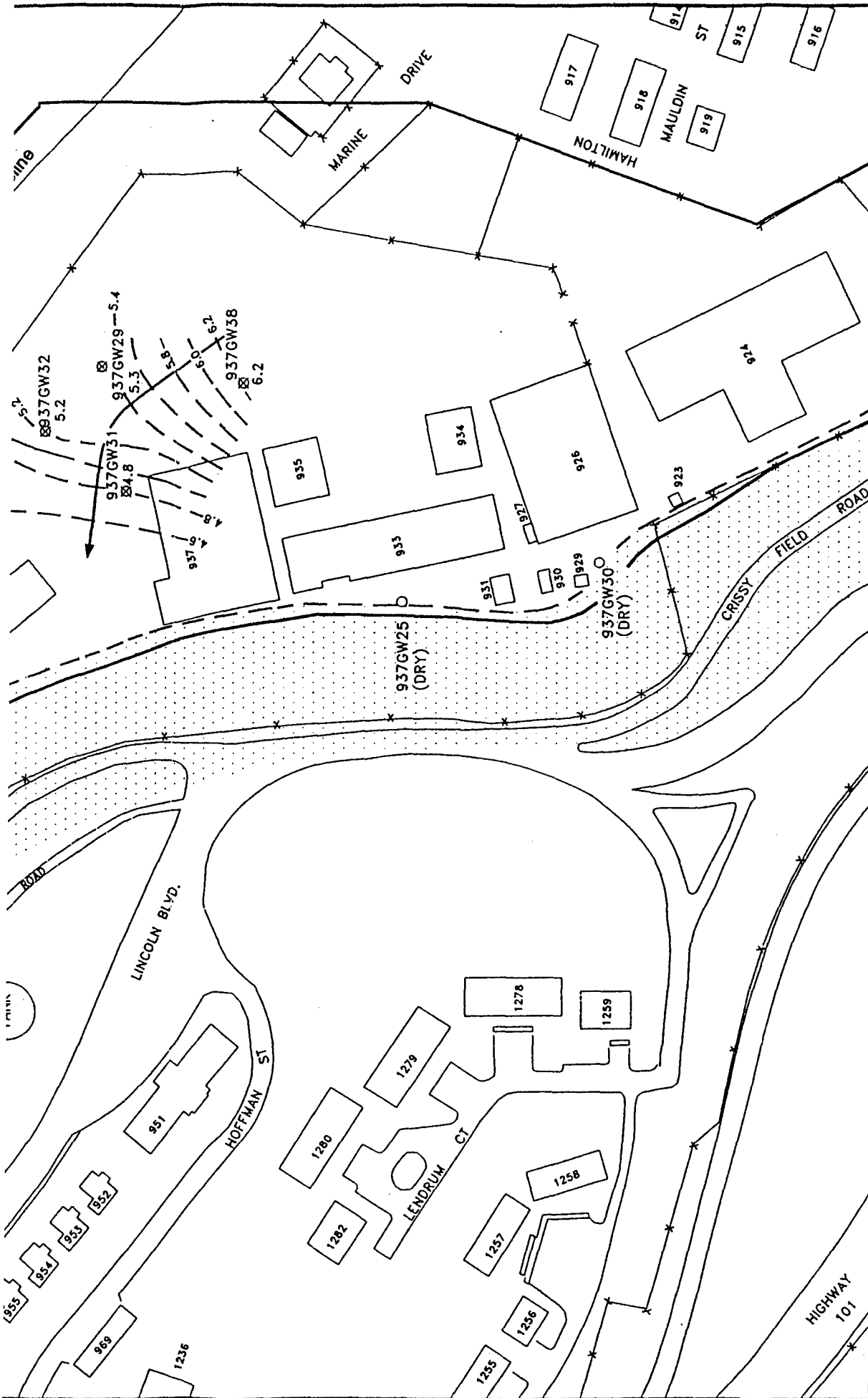


BUILDING 900s SERIES STUDY AREA, POTENTIOMETRIC SURFACE MAP SHALLOW MONITORING WELLS LOWER-LOW TIDE 1995

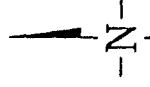
PSF25101/DV2

Date: January 1997 Figure 6.3-9



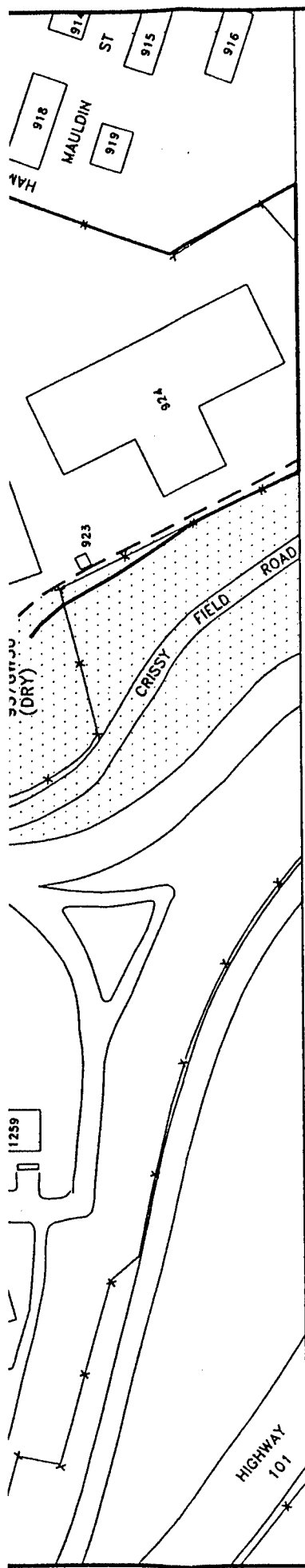


DAMES & MOORE



EXPLANATION

- DEEP MONITORING WELL
 POTENTIOMETRIC SURFACE
 ELEVATION (11/9/92)
- INFERRRED EQUIPOTENTIAL
 CONTOUR
- ELEVATIONS IN
 FEET-PRESIDIO LOWER LOW WATER
- NOTE: 1. DEEP MONITORING WELLS
 ARE SCREENED AT BOTTOM OF



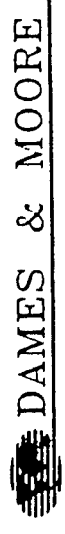
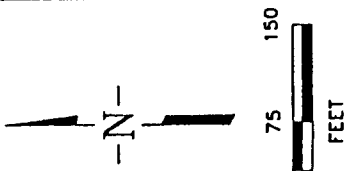
EXPLANATION

- DEEP MONITORING WELL
 POTENTIOMETRIC SURFACE
 ELEVATION (11/9/92)
- INFERRED EQUIPOTENTIAL
 CONTOUR
 CONTOUR INTERVAL 0.2 FEET
- GROUNDWATER FLOW DIRECTION
- APPROXIMATE AREAL EXTENT
 OF BEDROCK OUTCROP

ELEVATIONS IN
FEET-PRESIDIO LOWER LOW WATER

NOTE: 1. DEEP MONITORING WELLS
ARE SCREENED AT BOTTOM OF
AQUIFER

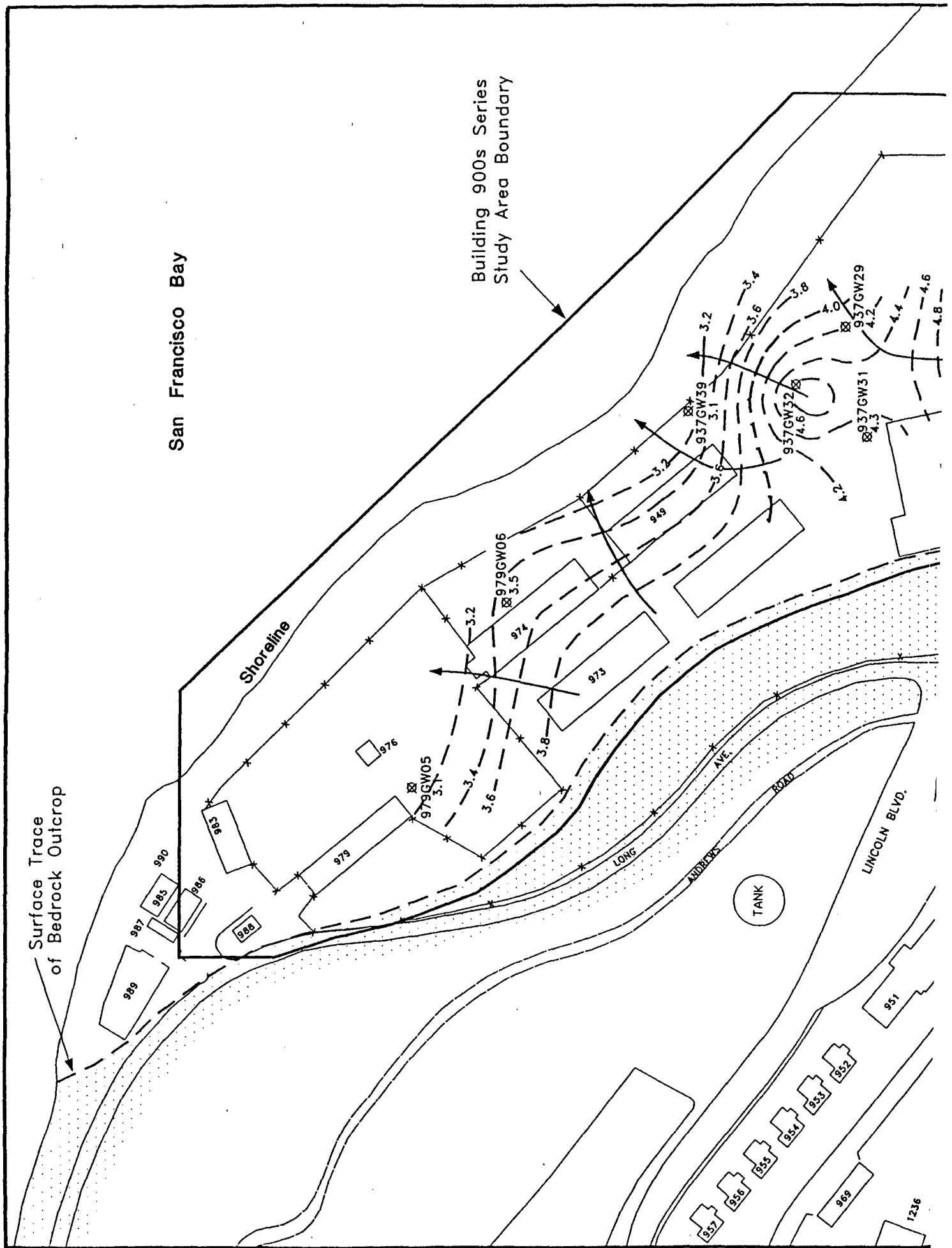
WATER-LEVEL MEASUREMENTS TAKEN
NOVEMBER 9, 1992, 0933-1008 PST,
HIGHER-HIGH TIDE: 1001 PST, 6.1 FT-PLL

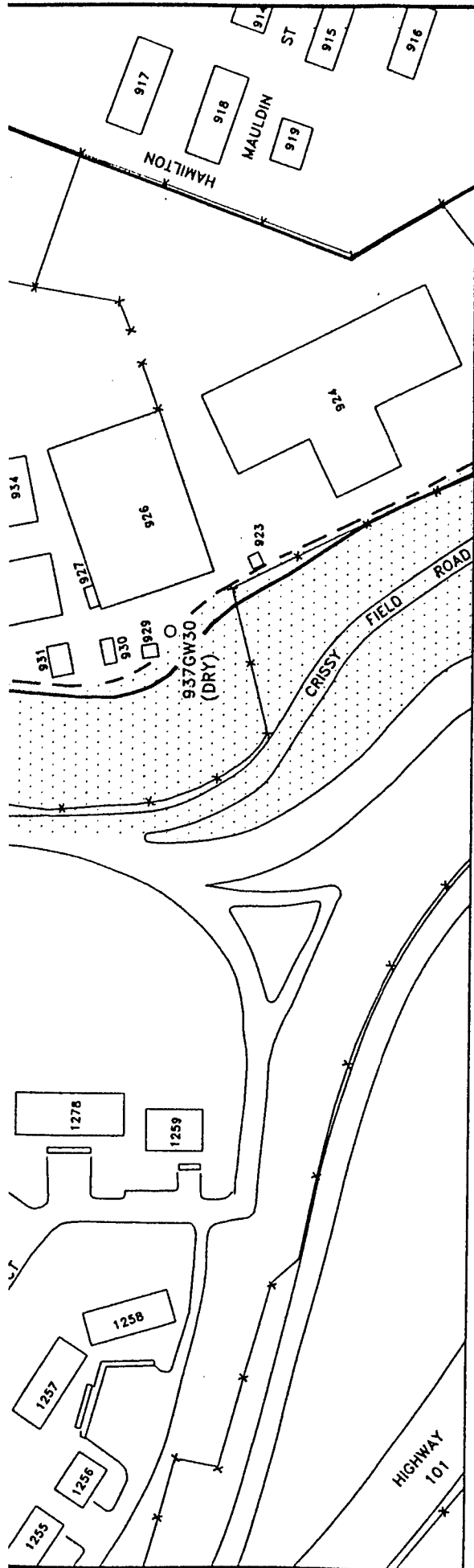


BUILDING 900S SERIES STUDY AREA
POTENTIOMETRIC SURFACE MAP
DEEP MONITORING WELLS
HIGHER-HIGH TIDE 1992

PSF25127/DV1

Date: January 1997 Figure 6.3-10





EXPLANATION

DEEP MONITORING WELL¹
POTENTIOMETRIC SURFACE
ELEVATION (11/9/92)

⊗
(S.1)

INFERRED EQUIPOTENTIAL CONTOUR
CONTOUR INTERVAL 0.2 FEET

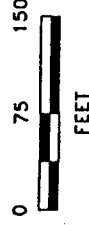
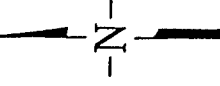
GROUNDWATER FLOW DIRECTION


APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP

ELEVATIONS IN
FEET—PRESIDIO LOWER LOW WATER

NOTE: 1. DEEP MONITORING WELLS
ARE SCREENED AT BOTTOM
OF AQUIFER

WATER-LEVEL MEASUREMENTS TAKEN
NOVEMBER 9, 1992, 1600–1635 PST,
LOWER-LOW TIDE: 1638 PST, -0.4 FT-PLL



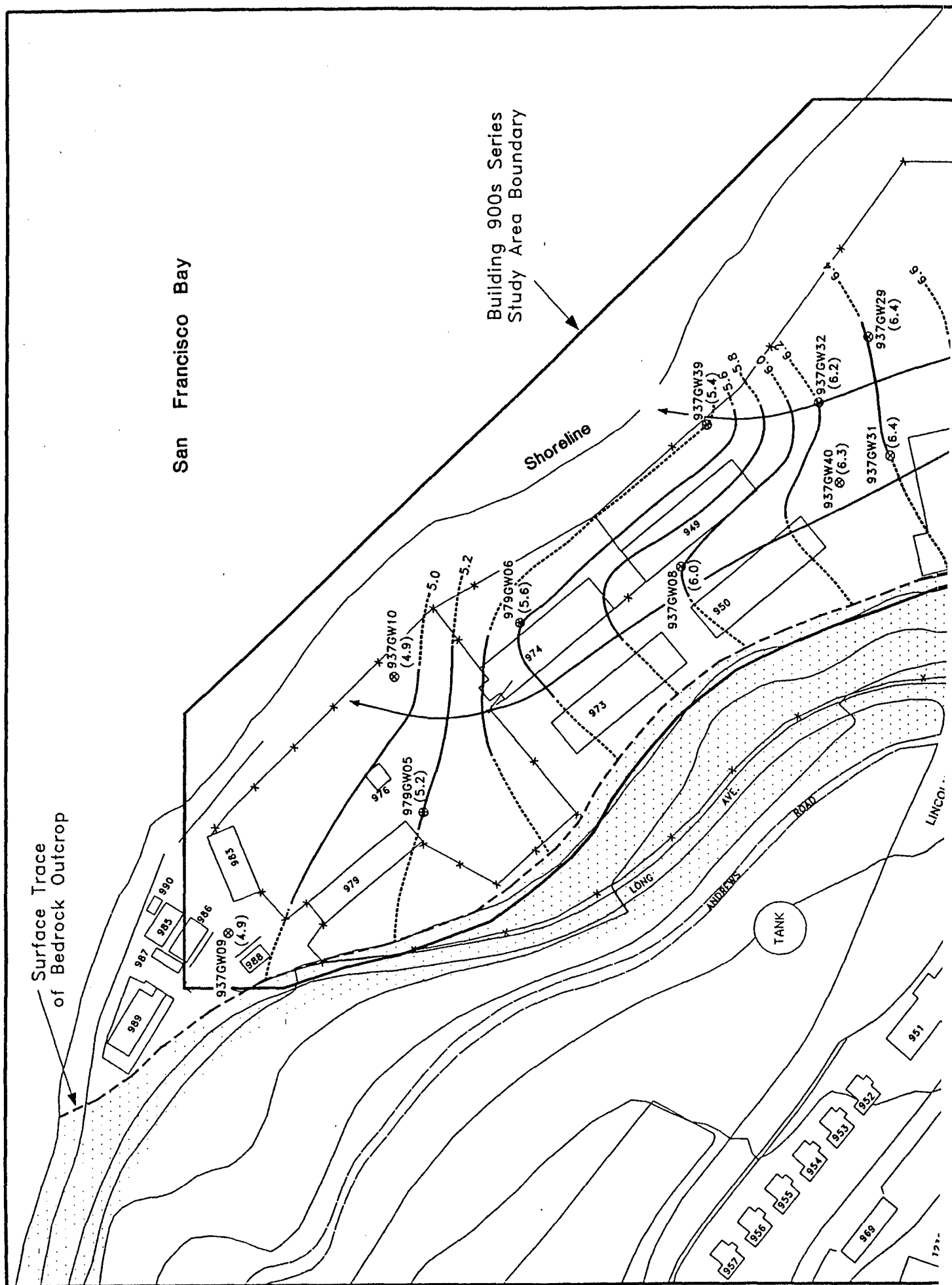
 DAMES & MOORE

BUILDING 900S SERIES STUDY AREA
POTENTIOMETRIC SURFACE MAP
DEEP MONITORING WELLS
LOWER-LOW TIDE 1992

PSF25121/DV1

Date: January 1997

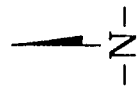
Figure 6.3-11



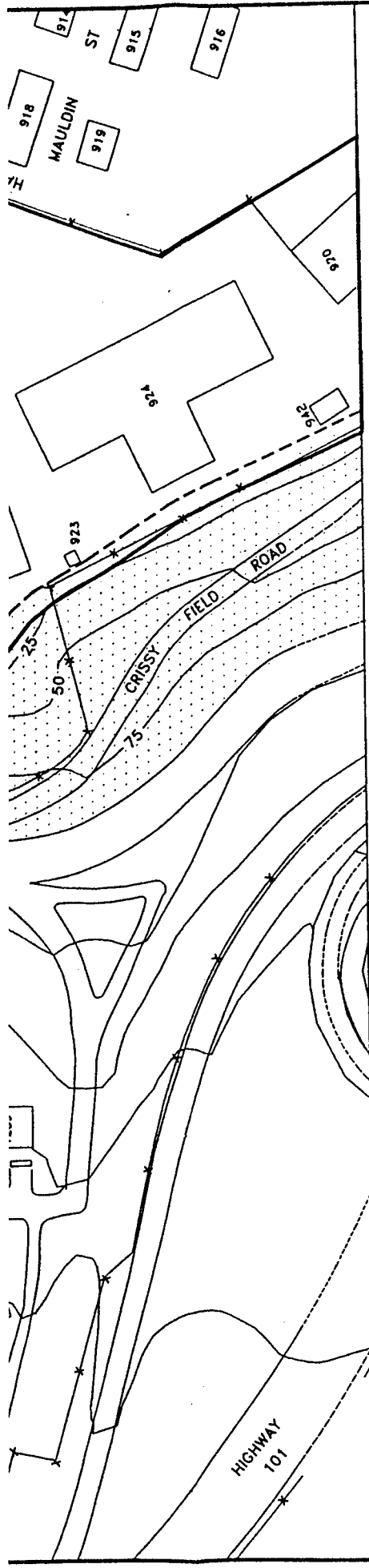


EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊙ DEEP MONITORING WELL WITH SOIL SAMPLES
- (4.9) POTENTIOMETRIC SURFACE ELEVATION (03/16/95)
- - - - - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET

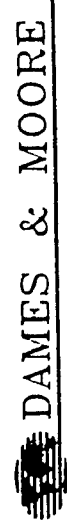
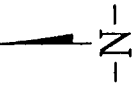


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EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊙ DEEP MONITORING WELL WITH SOIL SAMPLES
- (4.9) POTENTIOMETRIC SURFACE ELEVATION (03/16/95)
- EQUIPOTENTIAL CONTOUR DASHED WHERE INFERRED CONTOUR INTERVAL 0.2 FEET
- GROUNDWATER FLOW DIRECTION
- ⋯ APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET—PRESIDIO LOWER LOW WATER
- DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.
- WATER LEVEL MEASUREMENTS TAKEN MARCH 16, 1995 0957-1035 PST
- HIGHER-HIGH TIDE: 1050, 5.4 FT-PLL



BUILDING 900s SERIES STUDY AREA,
 POTENTIOMETRIC SURFACE MAP
 DEEP MONITORING WELLS
 HIGHER-HIGH TIDE 1995

PSF25103/DV1

Date: January 1997

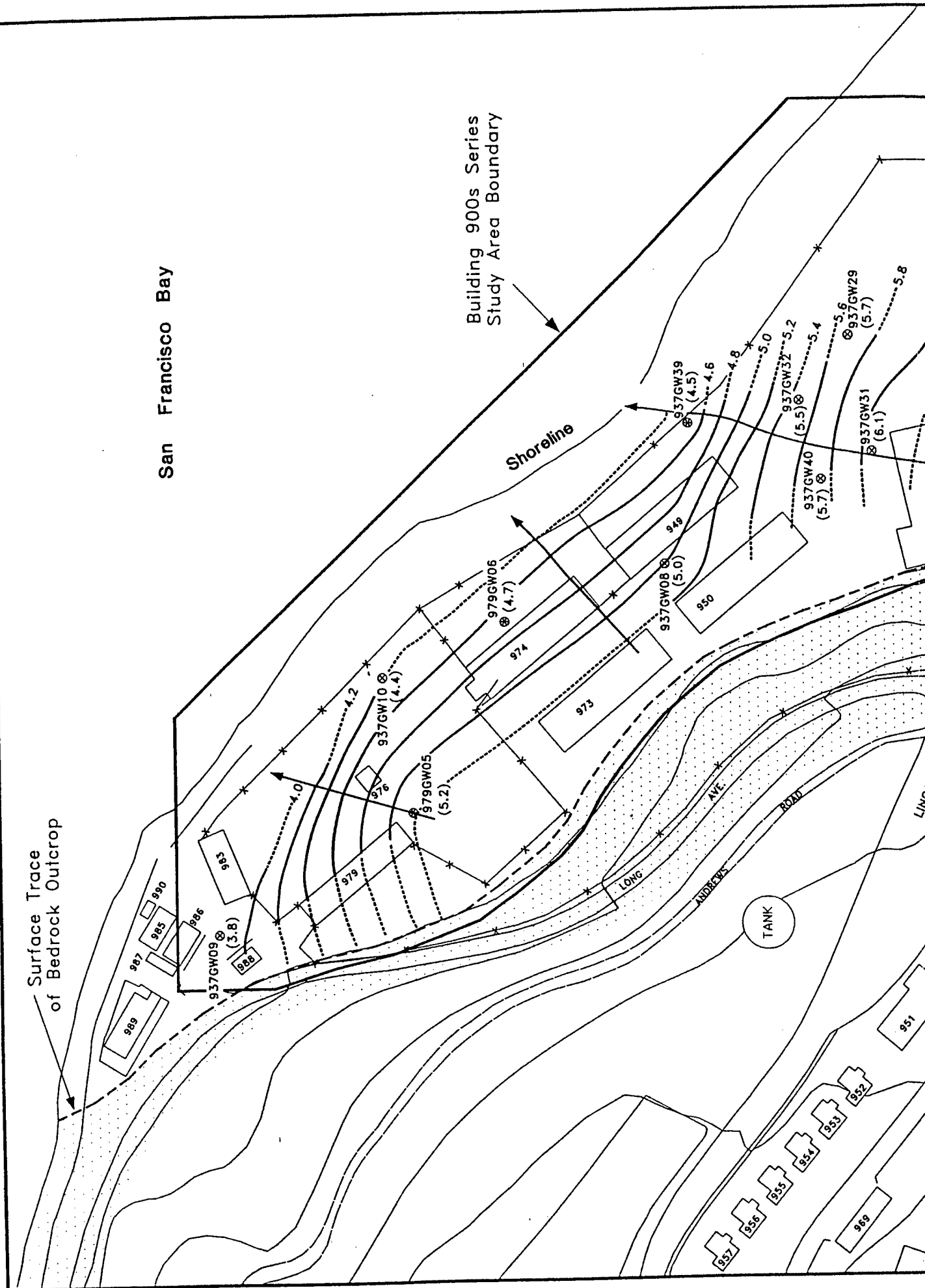
Figure 6.3-12

Surface Trace
of Bedrock Outcrop

San Francisco Bay

Building 900s Series
Study Area Boundary

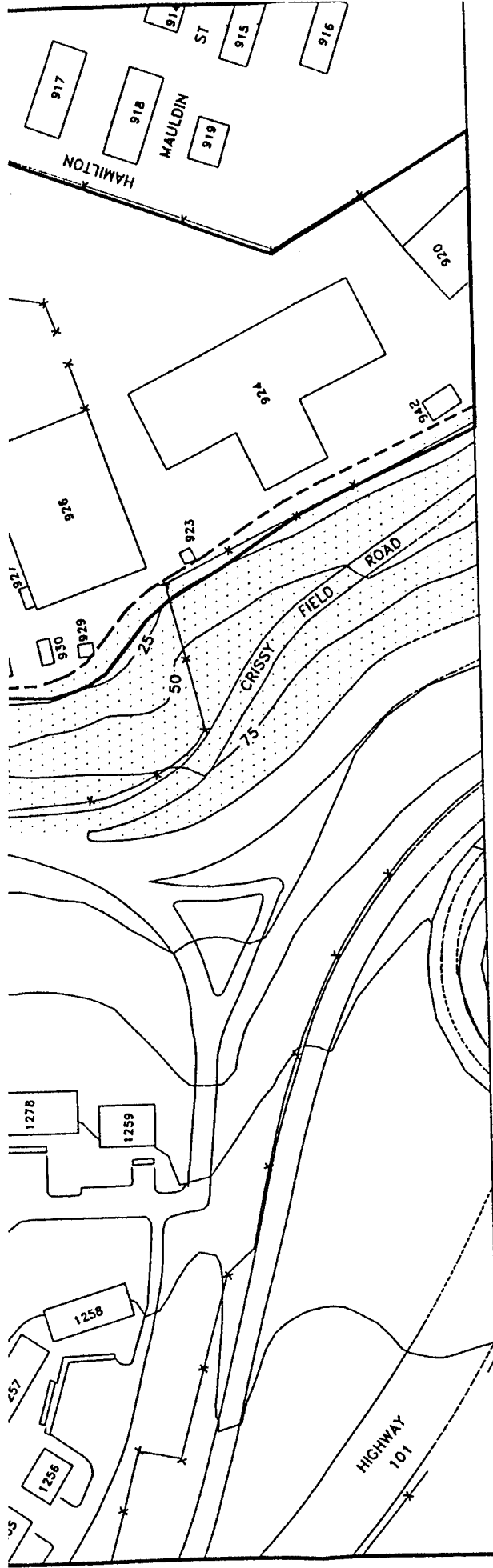
Shoreline





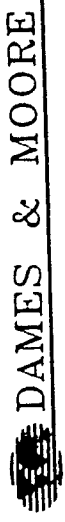
EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊙ DEEP MONITORING WELL WITH SOIL SAMPLES
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP



EXPLANATION

- DEEP MONITORING WELL
- DEEP MONITORING WELL WITH SOIL SAMPLES
- POTENTIOMETRIC SURFACE ELEVATION (03/16/95)
- EQUIPOTENTIAL CONTOUR DASHED WHERE INFERRED CONTOUR INTERVAL 0.2 FEET
- GROUNDWATER FLOW DIRECTION
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER
- DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.
- WATER LEVEL MEASUREMENTS TAKEN MARCH 16, 1995 1640-1705 PST LOWER-LOW TIDE: 1650 PST 0.2 FT-PLL

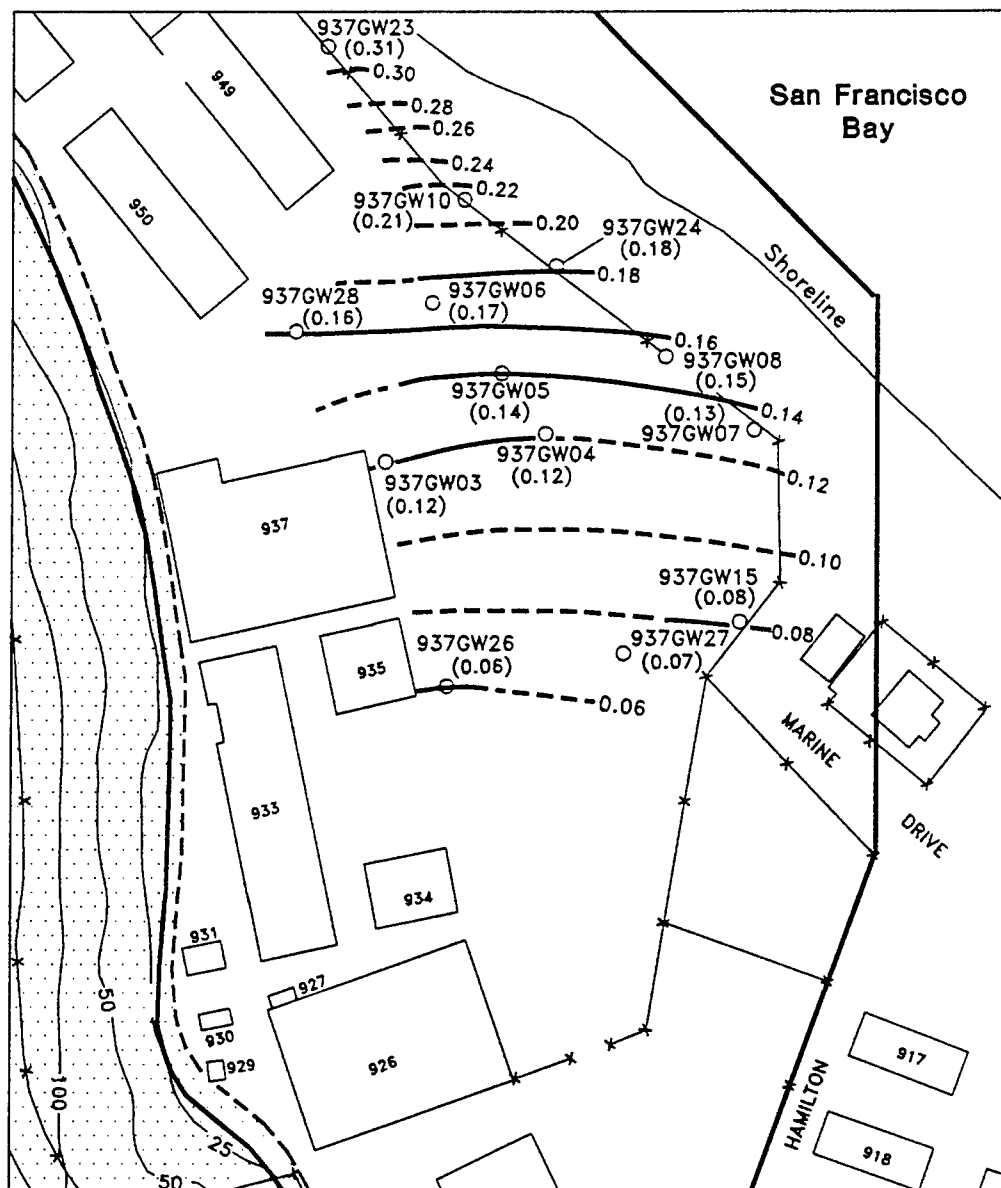


BUILDING 900s SERIES STUDY AREA, POTENTIOMETRIC SURFACE MAP DEEP MONITORING WELLS LOWER-LOW TIDE 1995

PSF25102/DV1

Date: January 1997

Figure 6.3-13



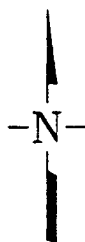
EXPLANATION

○ SHALLOW MONITORING WELL
(0.06) STAGE RATIO

--- STAGE RATIO CONTOUR,
DASHED WHERE INFERRED
CONTOUR INTERVAL 0.2 FEET

... APPROXIMATE AREAL EXTENT
OF BEDROCK OUTCROP

TOPOGRAPHIC ELEVATIONS IN FEET—PRESIDIO
LOWER LOW WATER



0 75 150
FEET

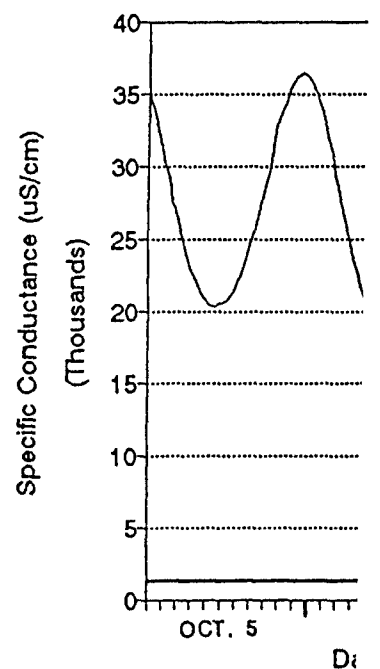
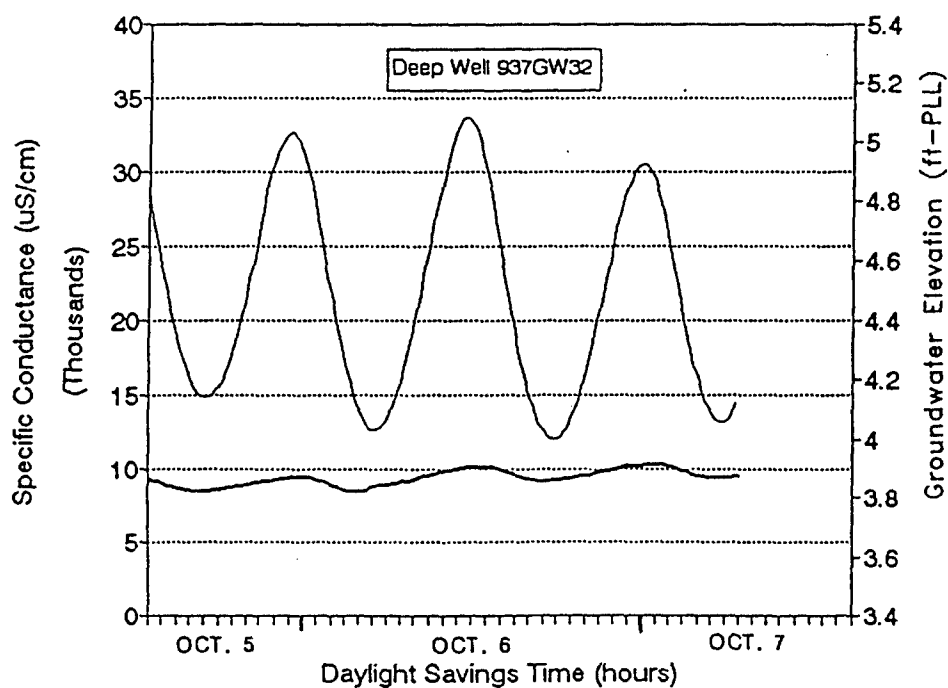
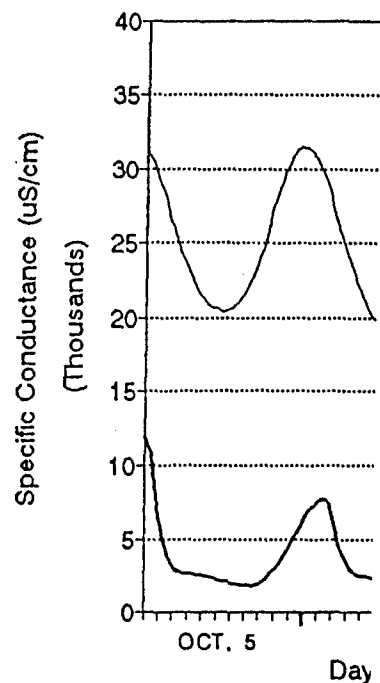
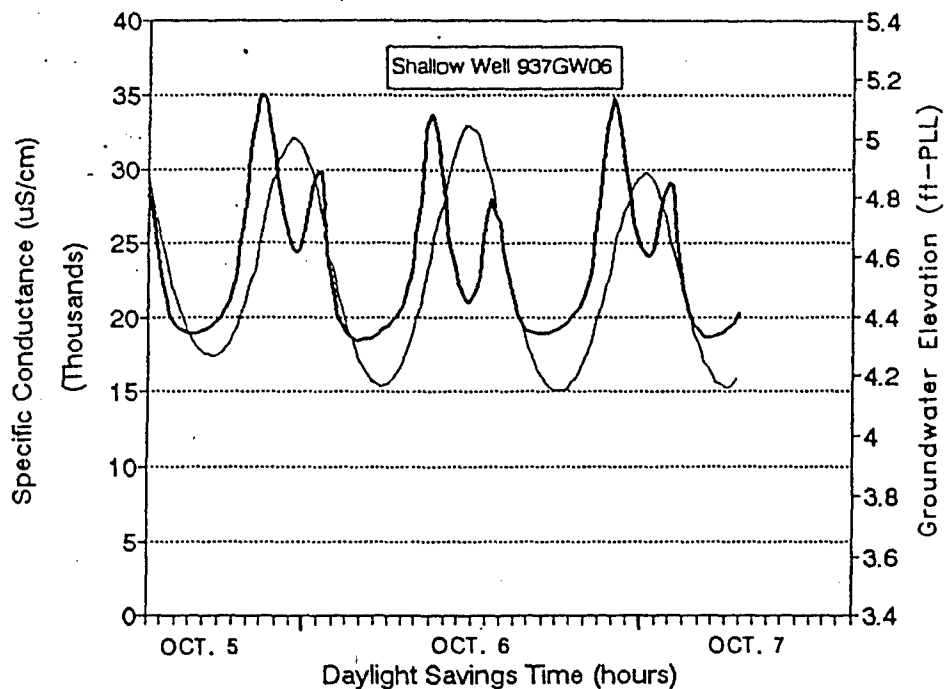
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**BUILDING 900S SERIES STUDY AREA
AVERAGE STAGE RATIOS,
RI TIDAL STUDIES 1, 2, AND 3**

PSF25119/DV1

Date: January 1997

Figure 6.3-14



EXPLANATION

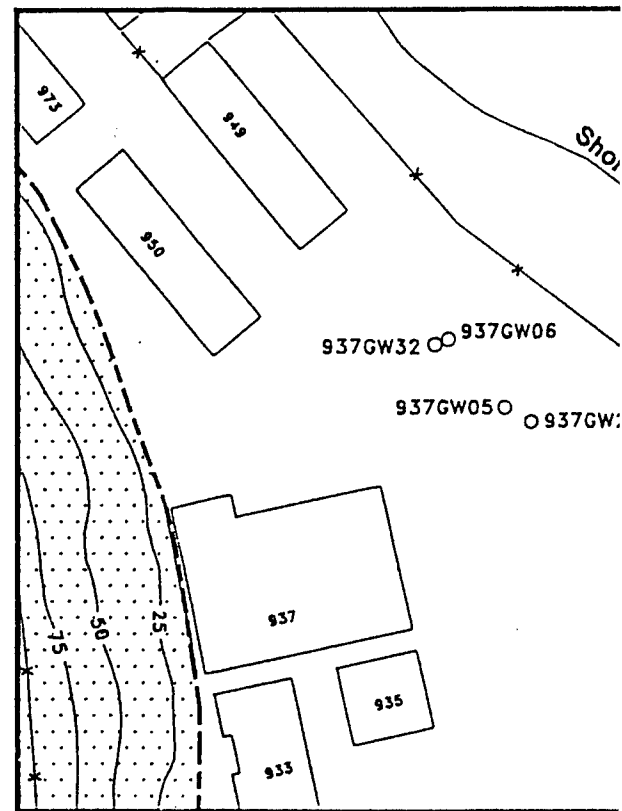
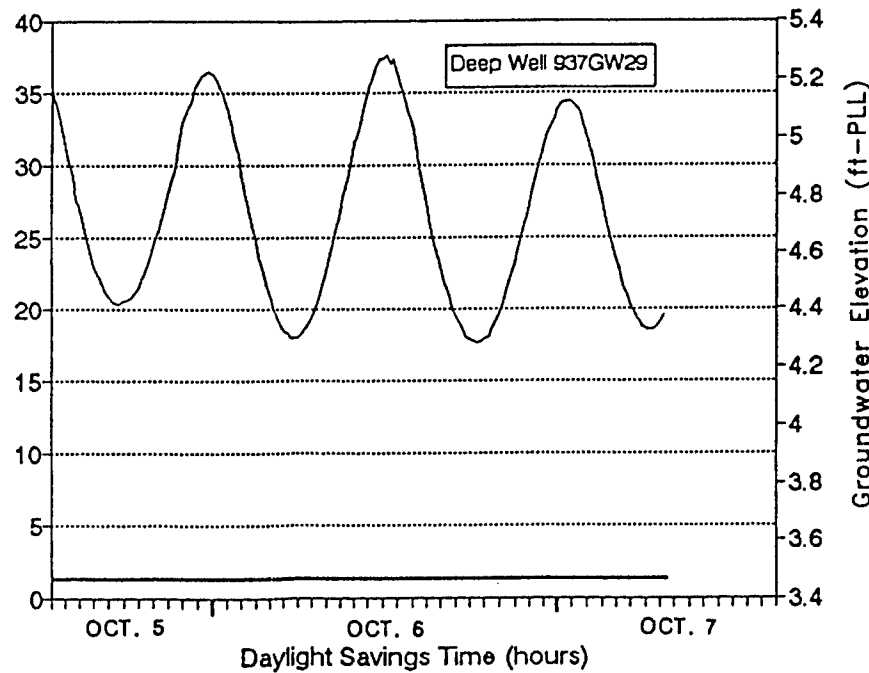
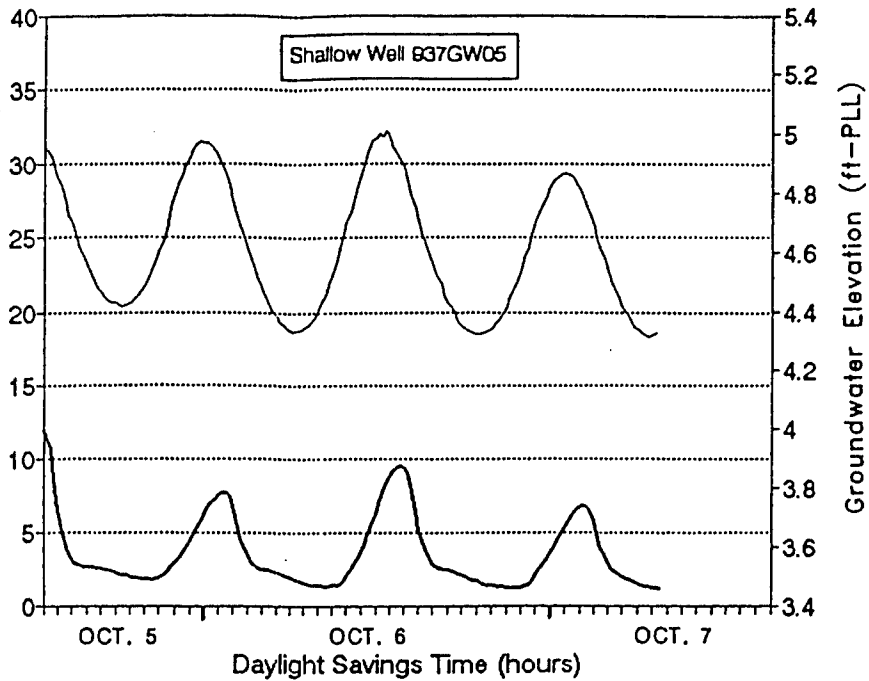
- MONITORING WELL
- GROUNDWATER ELEVATION (ft-mll)
- SPECIFIC CONDUCTANCE ($\mu\text{S}/\text{cm}$)

ft-PLL FEET-PRESIDIO LOWER LOW WATER
 $\mu\text{S}/\text{cm}$ MICROSIEMENS PER CENTIMETER



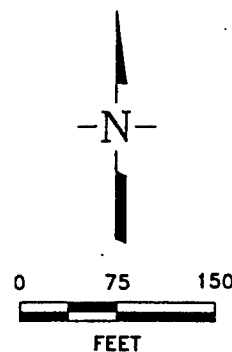
APPROXIMATE AREAL
 EXTENT OF BEDROCK OUTCROP

NOTE: GROUNDWATER ELEVATIONS FOR
 SHALLOW WELLS ARE EQUIVALENT
 FRESHWATER HEADS.



WINDIO LOWER LOW WATER
SENS PER CENTIMETER

WATER ELEVATIONS FOR
WELLS ARE EQUIVALENT
TO HEADS.



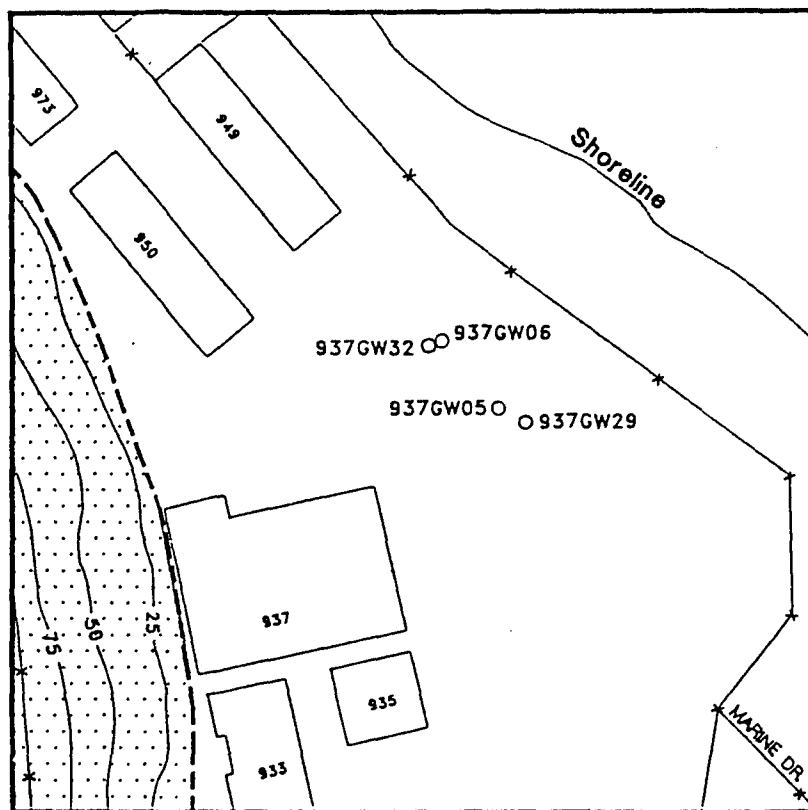
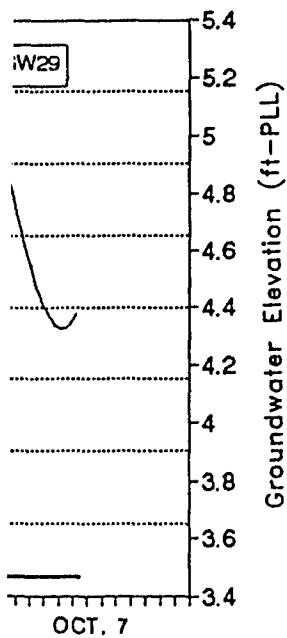
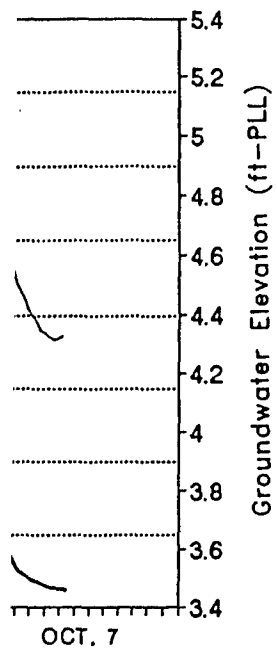
DAMES &

**BUILDING 900s SERIES
SPECIFIC CONDUCTIVITY
WATER LEVEL HYDROGRAPH
IRA TIDAL STATION**

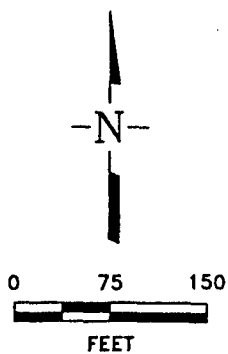
PSF25133\DV1

Date: January 1997

Fi



INSET OF BUILDING
900s SERIES STUDY AREA



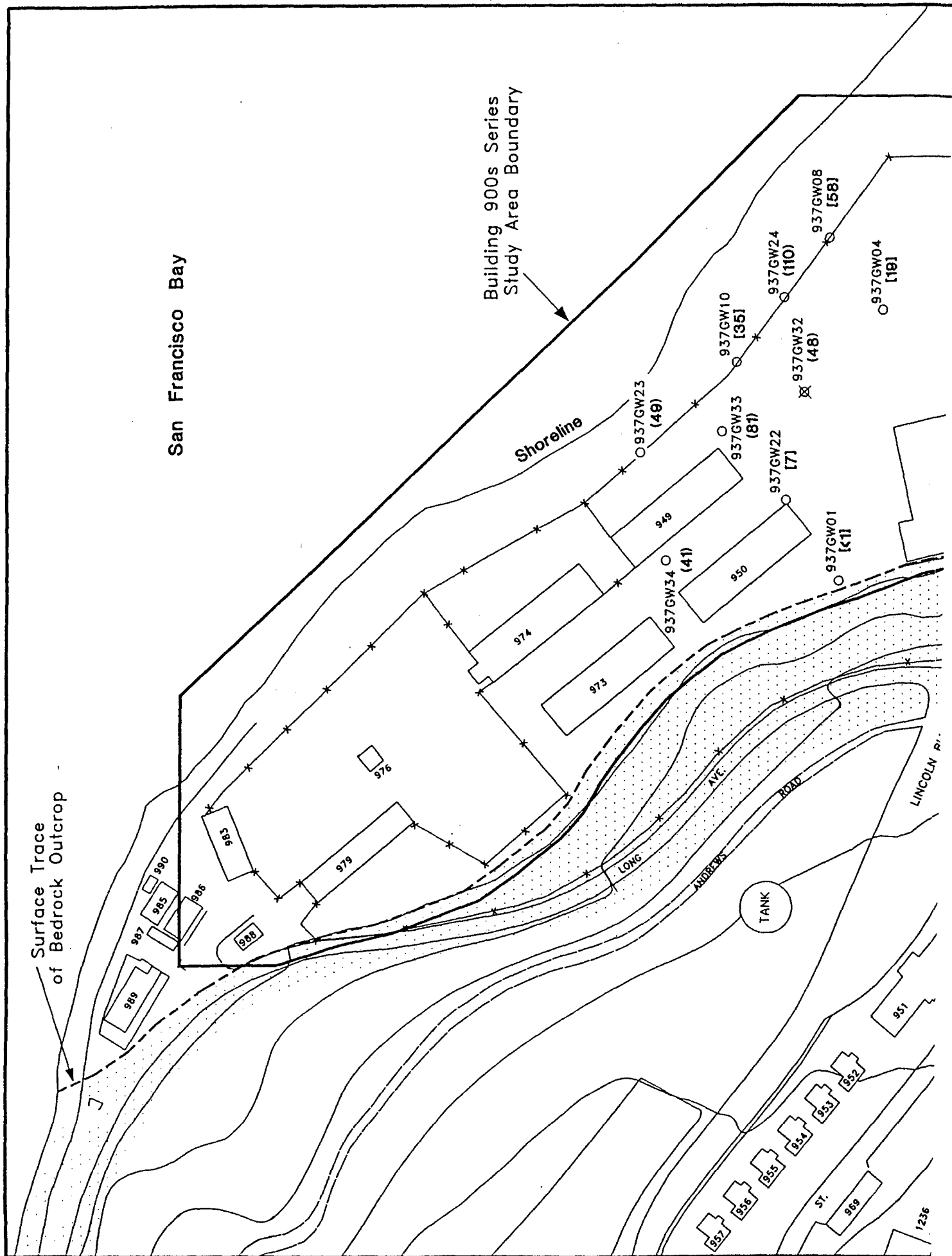
DAMES & MOORE

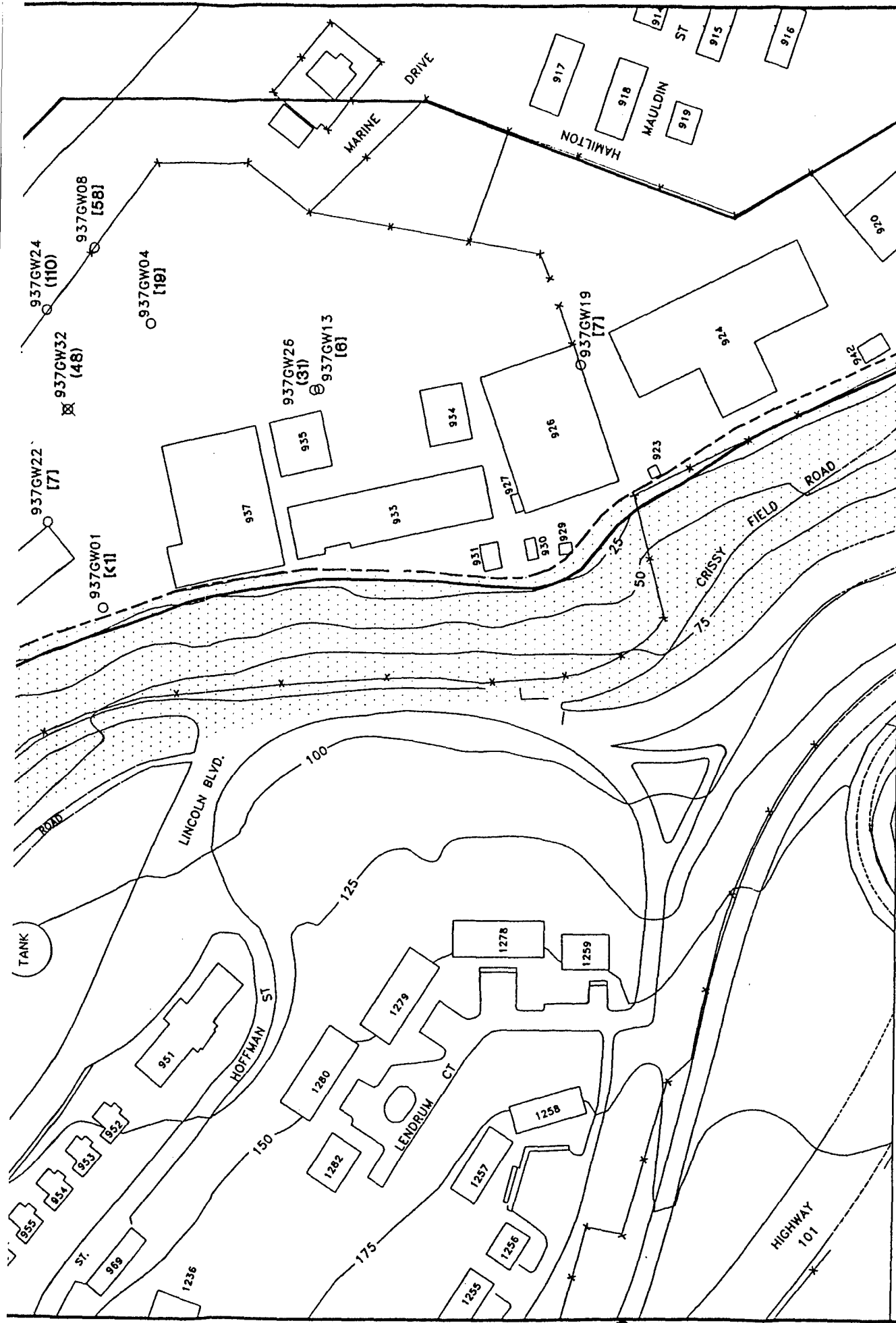
BUILDING 900s SERIES STUDY AREA
SPECIFIC CONDUCTANCE AND
WATER LEVEL HYDROGRAPHS,
IRA TIDAL STUDY 1

PSF25133\DV1

Date: January 1997

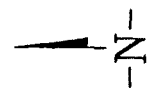
Figure: 6.3-15



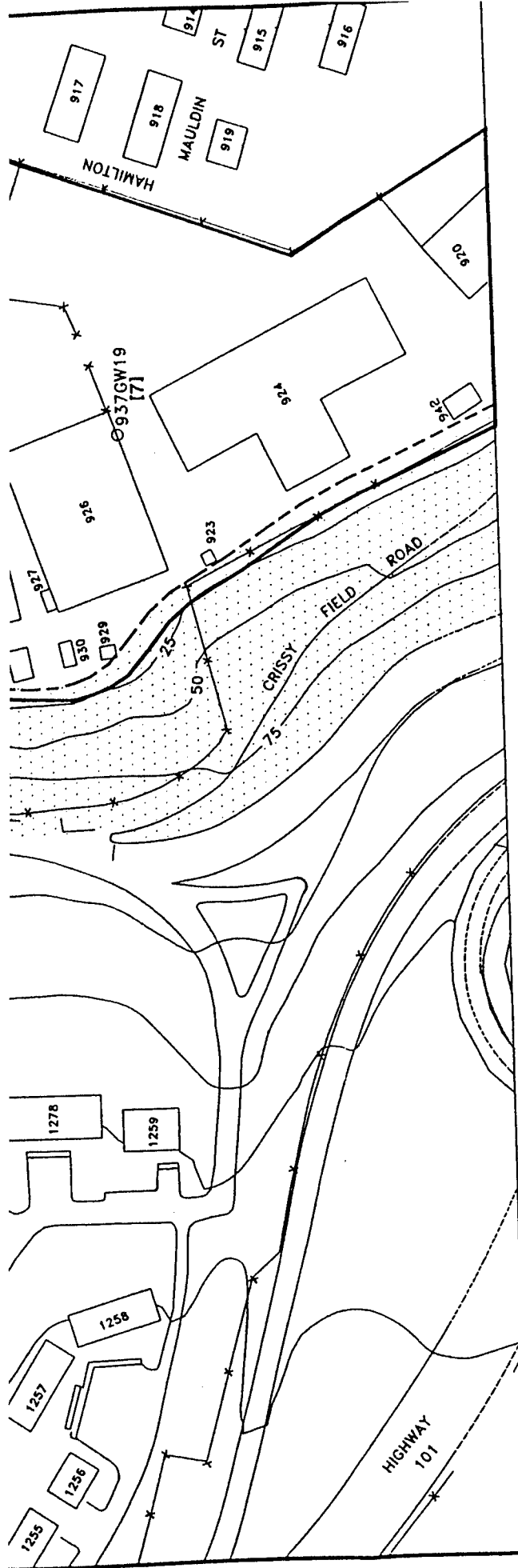


EXPLANATION

- SHALLOW MONITORING WELL¹
 - (41) ESTIMATED HYDRAULIC CONDUCTIVITY (FT/DAY)
 - ⊗ DEEP MONITORING WELL²
 - (48) ESTIMATED HYDRAULIC CONDUCTIVITY (FT/DAY)
- CONTOUR INTERVAL 25 FEET
 TOPOGRAPHIC ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER



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EXPLANATION

○ SHALLOW MONITORING WELL¹
 (41) ESTIMATED HYDRAULIC
 CONDUCTIVITY (FT/DAY)

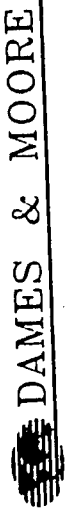
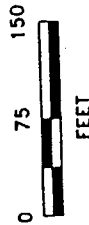
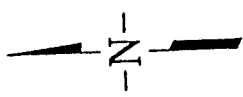
⊗ DEEP MONITORING WELL²
 (48) ESTIMATED HYDRAULIC
 CONDUCTIVITY (FT/DAY)

—175— TOPOGRAPHIC CONTOUR

- - - - - APPROXIMATE AREAL EXTENT
 OF BEDROCK OUTCROP

CONTOUR INTERVAL 25 FEET
 TOPOGRAPHIC ELEVATIONS IN
 FEET-PRESIDIO LOWER LOW WATER

NOTES : 1. SHALLOW MONITORING WELLS ARE
 SCREENED ACROSS THE WATER TABLE.
 2. DEEP MONITORING WELLS ARE
 SCREENED AT BOTTOM OF AQUIFER.
 VALUES IN BRACKETS [] ARE FROM SEI, 1986

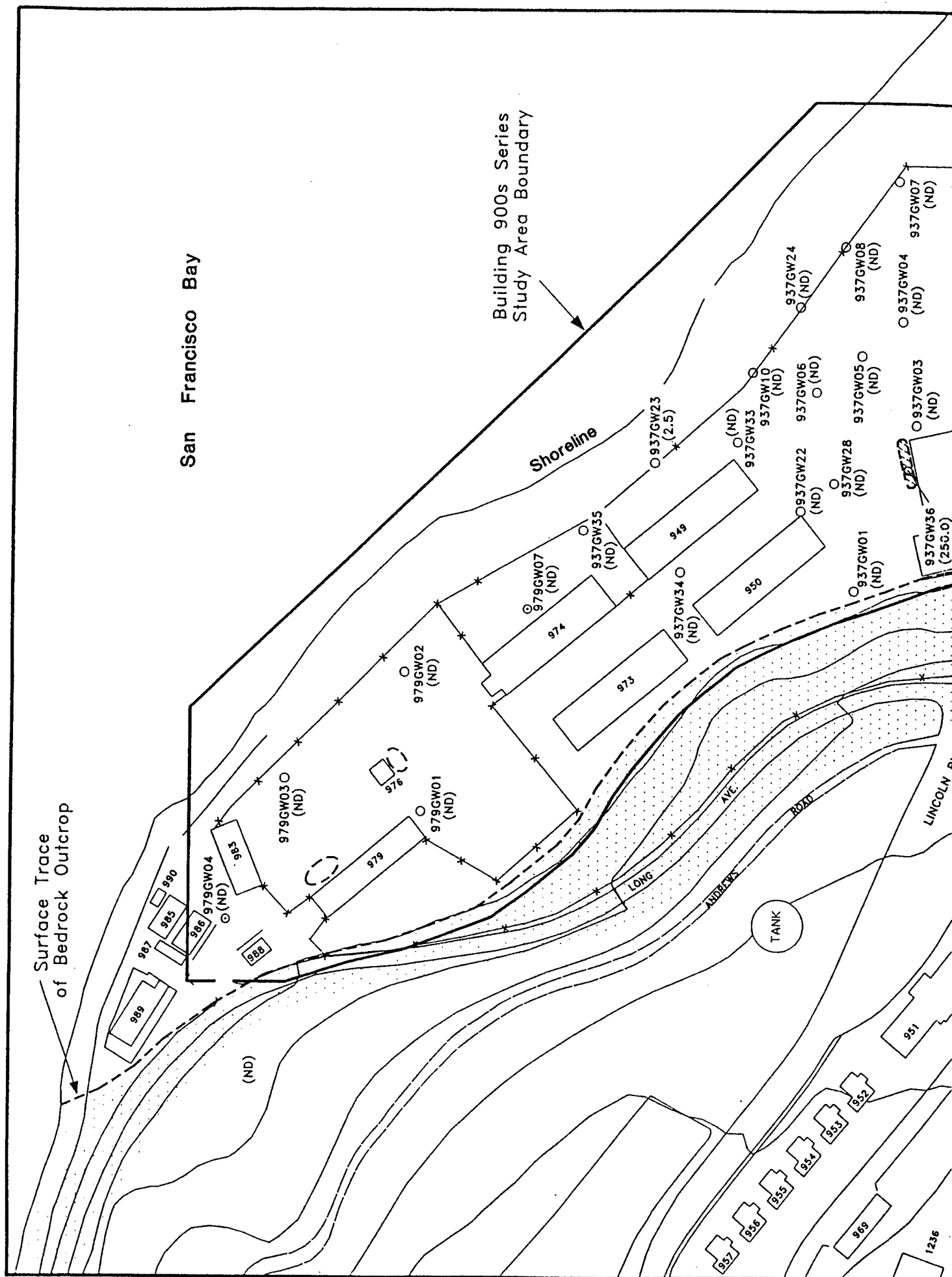


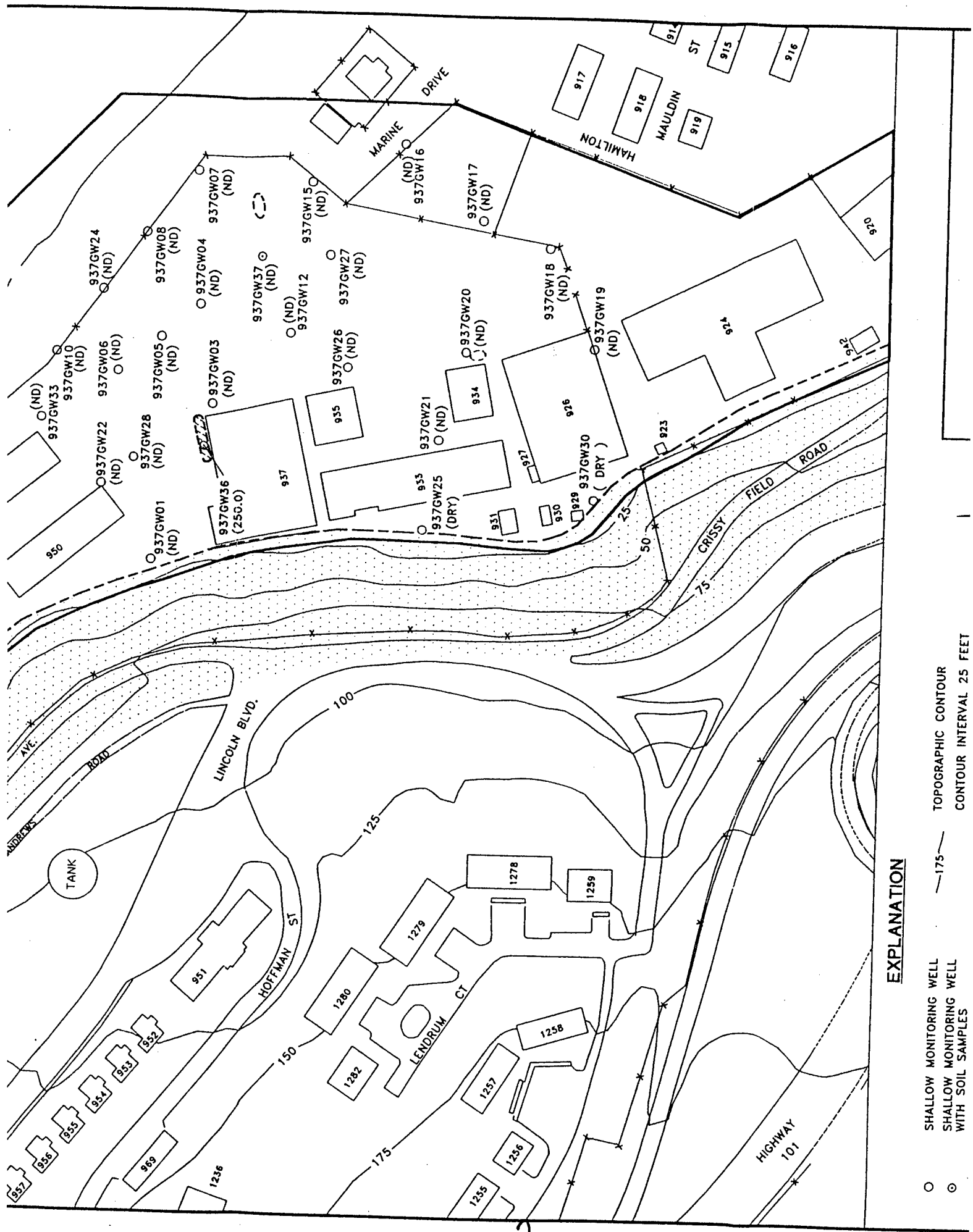
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BUILDING 900s SERIES STUDY AREA ESTIMATED HYDRAULIC CONDUCTIVITY

PSF25131/DV1

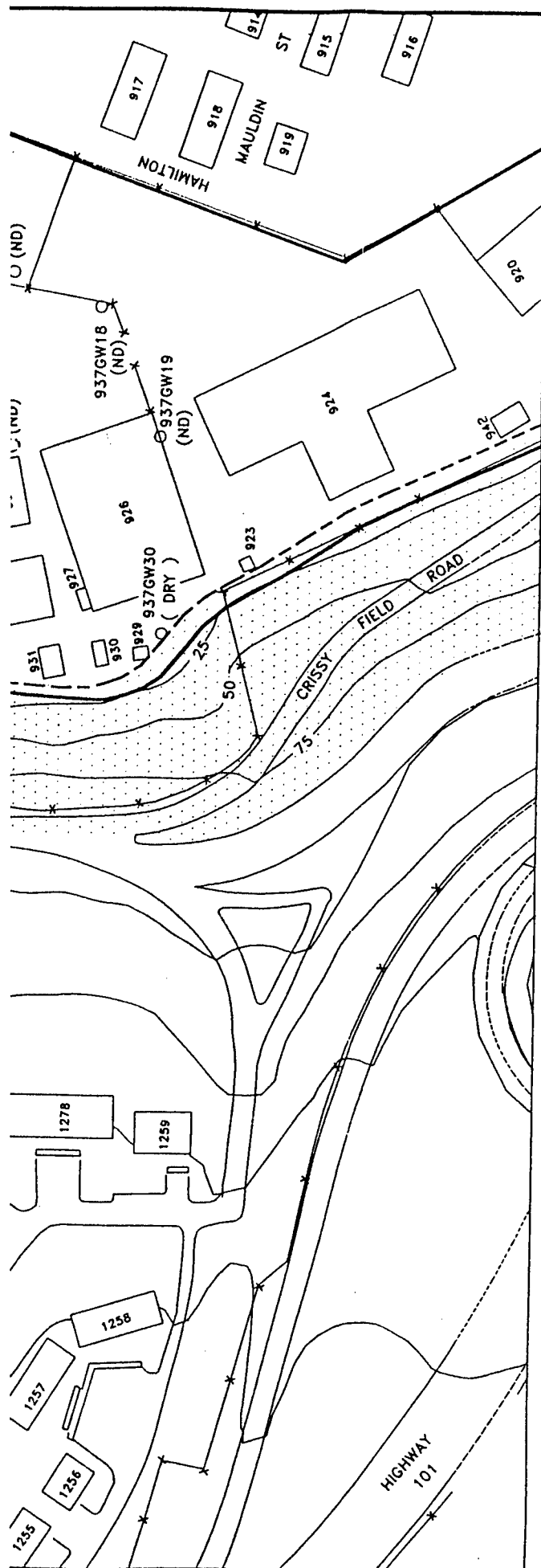
Date: January 1997 Figure 6.3-16





EXPLANATION

- SHALLOW MONITORING WELL
- ◻ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- 175— TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET



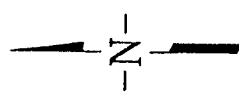
EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- (250.0) SUMMED CONCENTRATION (ug/L)
- (ND) NOT DETECTED
- APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- 175- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

NOTE: ¹ SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE.

² SAMPLES COLLECTED IN NOVEMBER 1994 THROUGH FEBRUARY 1995.

³ SUMMED COMPOUNDS ARE BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENE

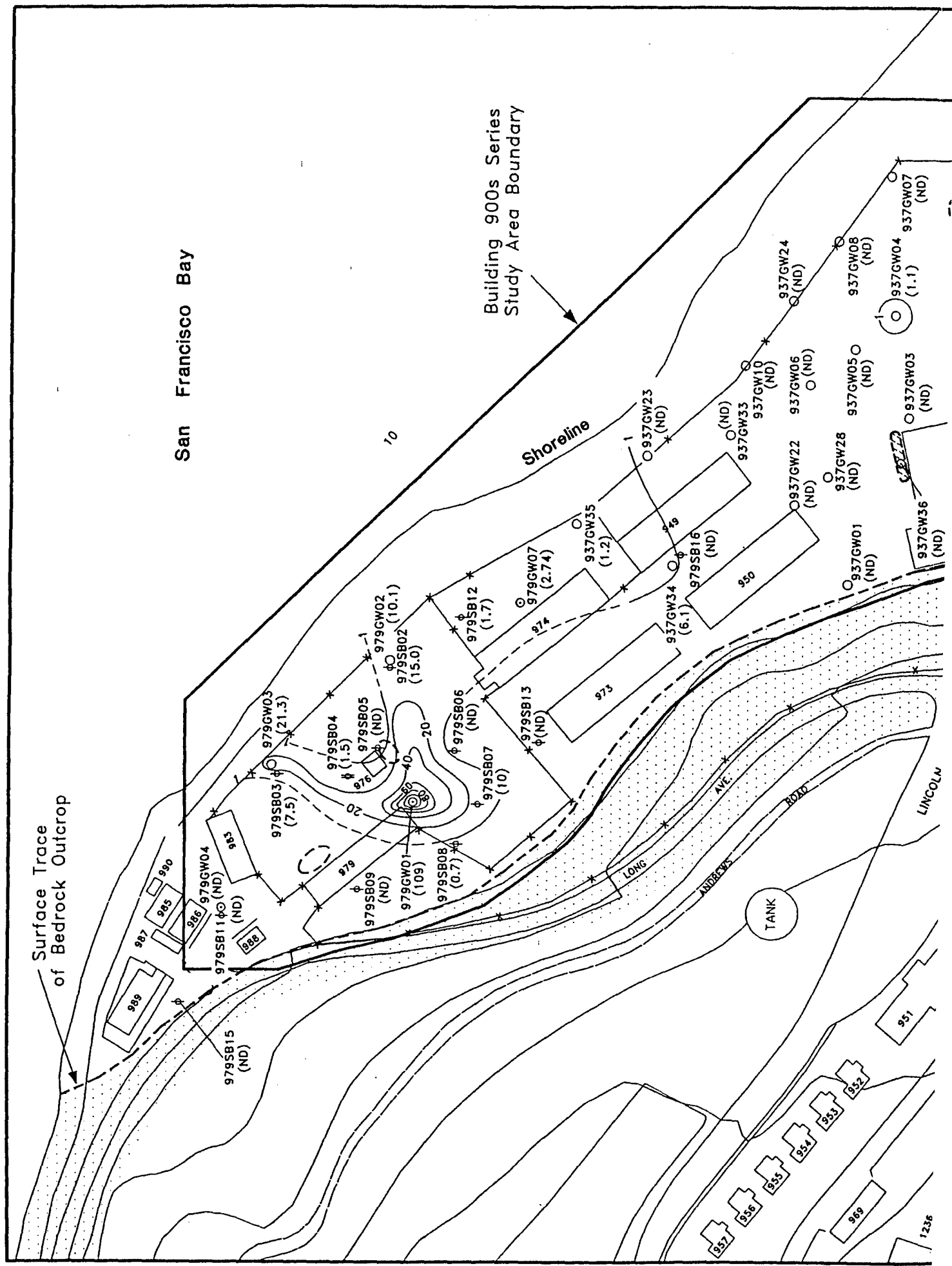


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**BUILDING 900s SERIES STUDY AREA,
SUM OF CONCENTRATIONS OF BTEX
COMPOUNDS IN SHALLOW GROUNDWATER**

PSF25155/DV1

Date: January 1997 Figure 6.5-65



San Francisco Bay

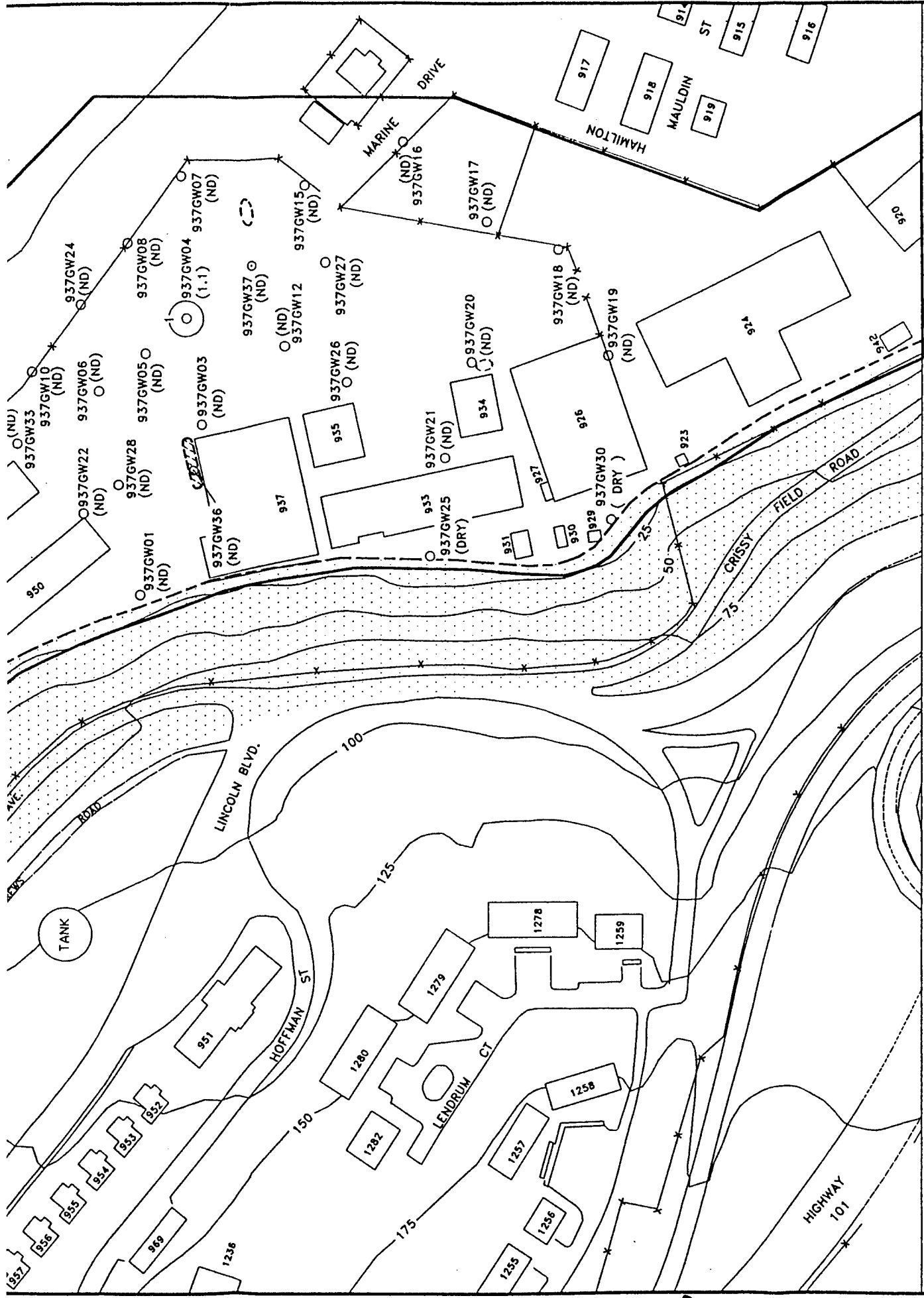
Building 900s Series
Study Area Boundary

Shoreline

Surface Trace
of Bedrock Outcrop

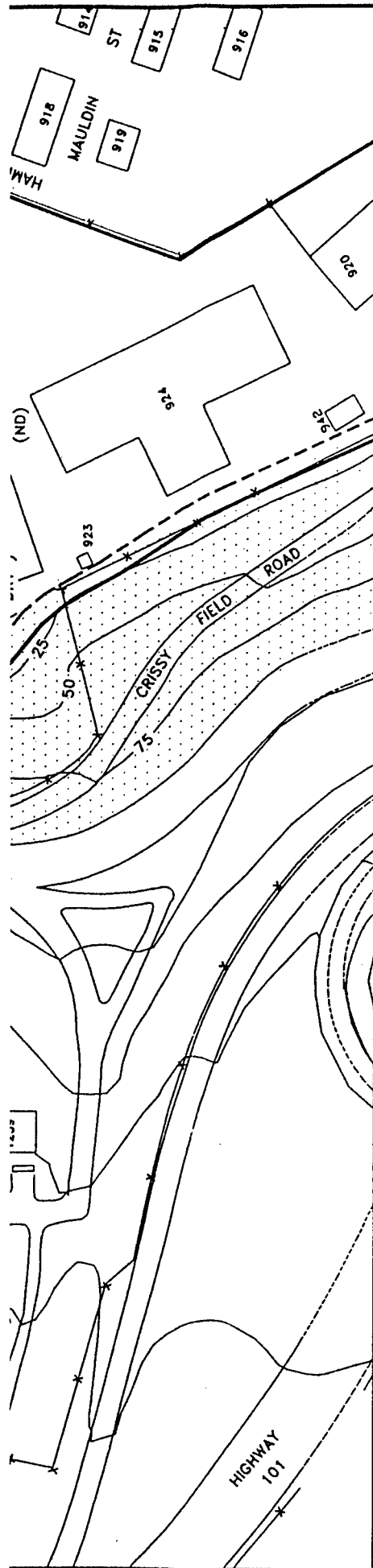
TANK

1236



EXPLANATION

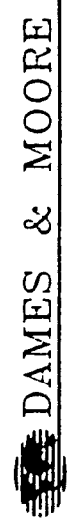
- SHALLOW MONITORING WELL
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- APPROXIMATE AREA EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR



EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊗ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊕ DISCRETE GROUNDWATER SAMPLE
- (37) SUMMED ISOCONCENTRATION (ug/L)
- (ND) NOT DETECTED
- ISOCONCENTRATION CONTOURS (ug/L) (DASHED WHERE INFERRED)
- - - - - APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- - - - - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

NOTE:¹ SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE. PARENTHESES INDICATE DAMAGED WELLS.
² SAMPLES COLLECTED NOVEMBER 1994 THROUGH FEBRUARY 1995.
³ SUMMED COMPOUNDS ARE PCE, 111TCA, TCE, AND 11DCA

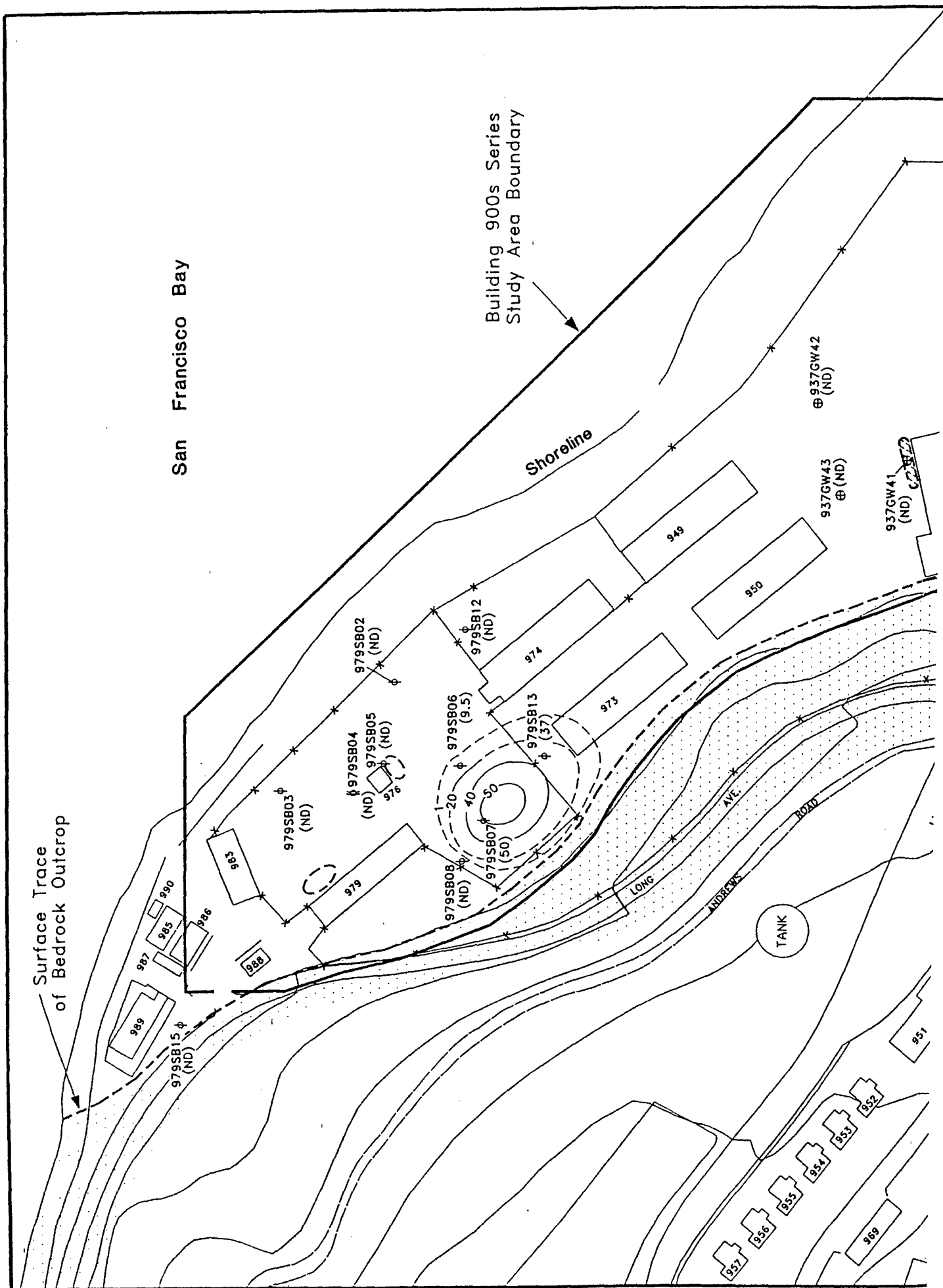


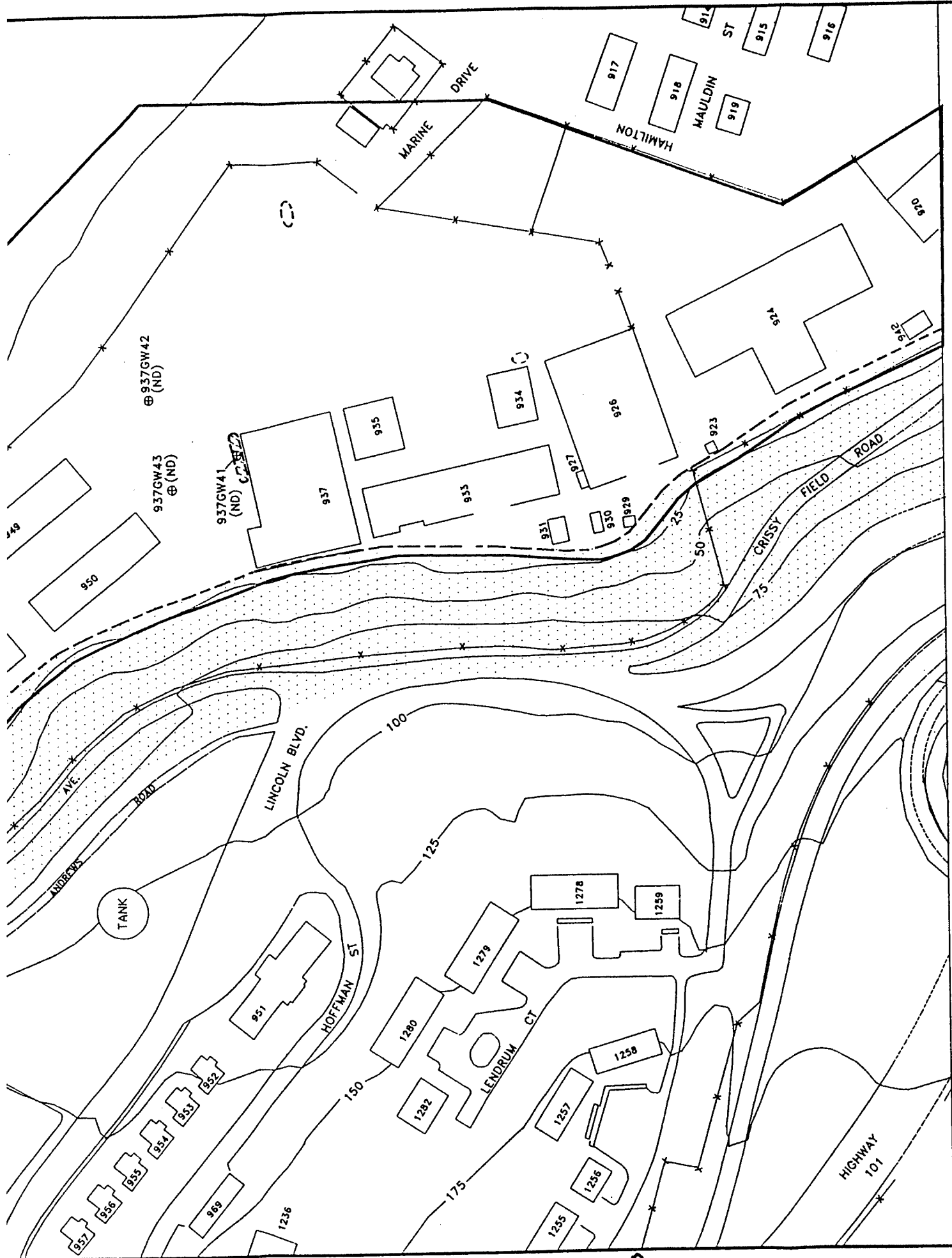
BUILDING 900s SERIES STUDY AREA, SUM OF CONCENTRATIONS OF PARENT CHLORINATED COMPOUNDS IN SHALLOW GROUNDWATER

PSF25151/DV1

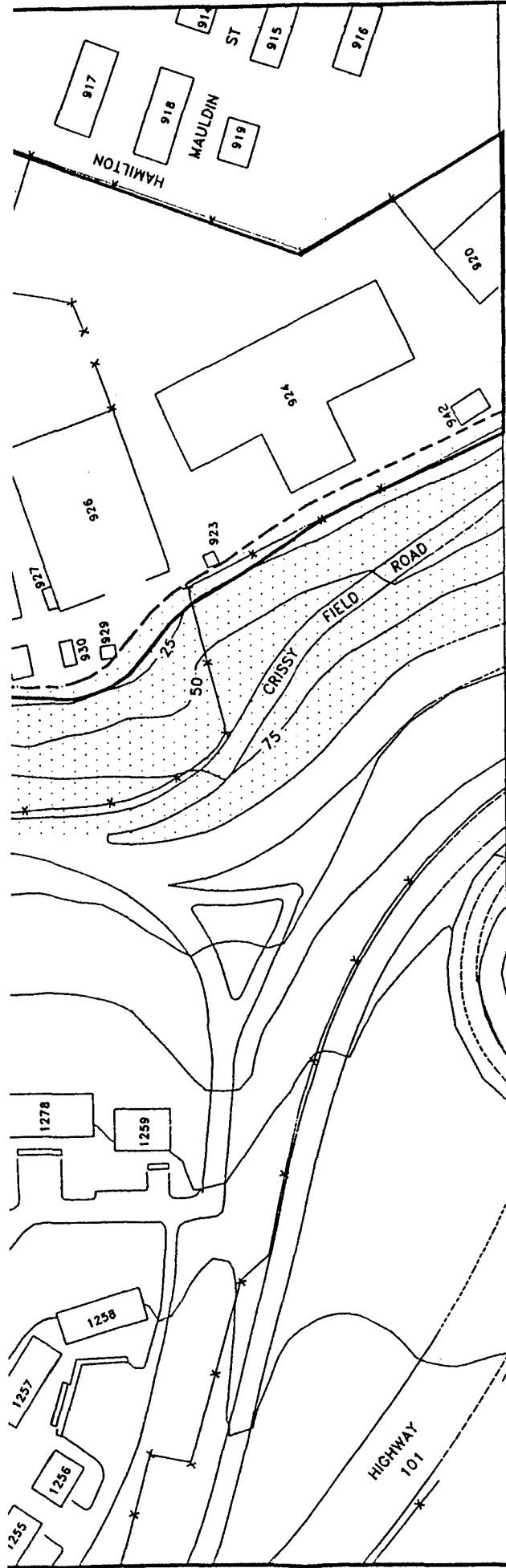
Date: January 1997

Figure 6.5-67





EXPLANATION



EXPLANATION

- ⊕ INTERMEDIATE MONITORING WELL
- ⊙ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊙ DISCRETE GROUNDWATER SAMPLE
- (50) SUMMED CONCENTRATION (ug/L)
- (ND) NOT DETECTED
- - - ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)
- APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA

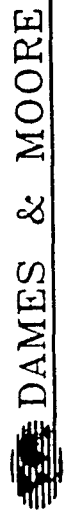
APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP

TOPOGRAPHIC CONTOUR

CONTOUR INTERVAL 25 FEET

ELEVATIONS IN FEET--PRESIDIO LOWER LOW WATER

NOTE: 1 INTERMEDIATE MONITORING WELLS ARE SCREENED ENTIRELY WITHIN THE SATURATED ZONE AND ABOVE BEDROCK 2 SAMPLES COLLECTED NOVEMBER 1994 THROUGH FEBRUARY 1995 3 SUMMED COMPOUNDS ARE PCE, 111TCA, TCE, AND 11DCA

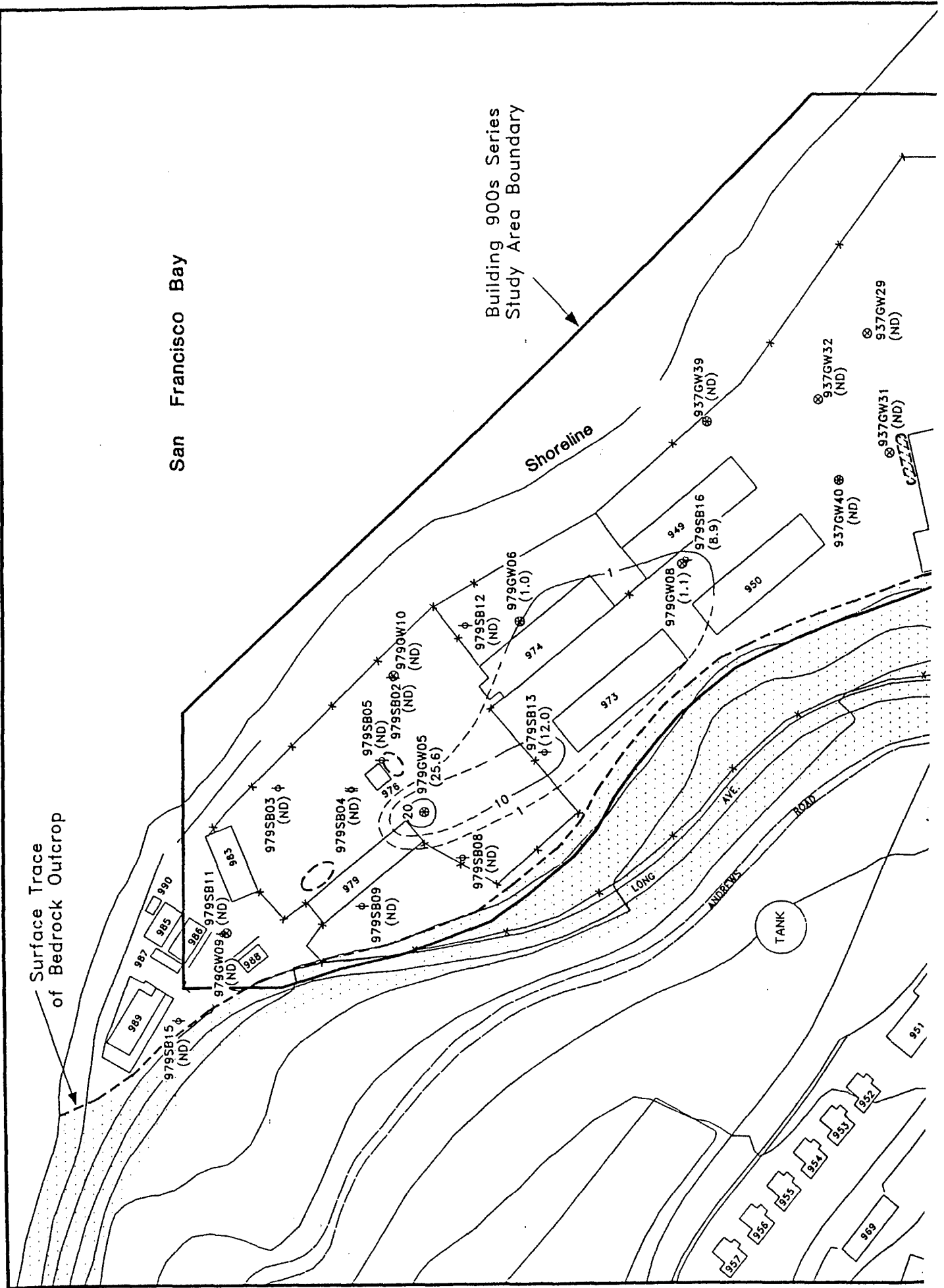


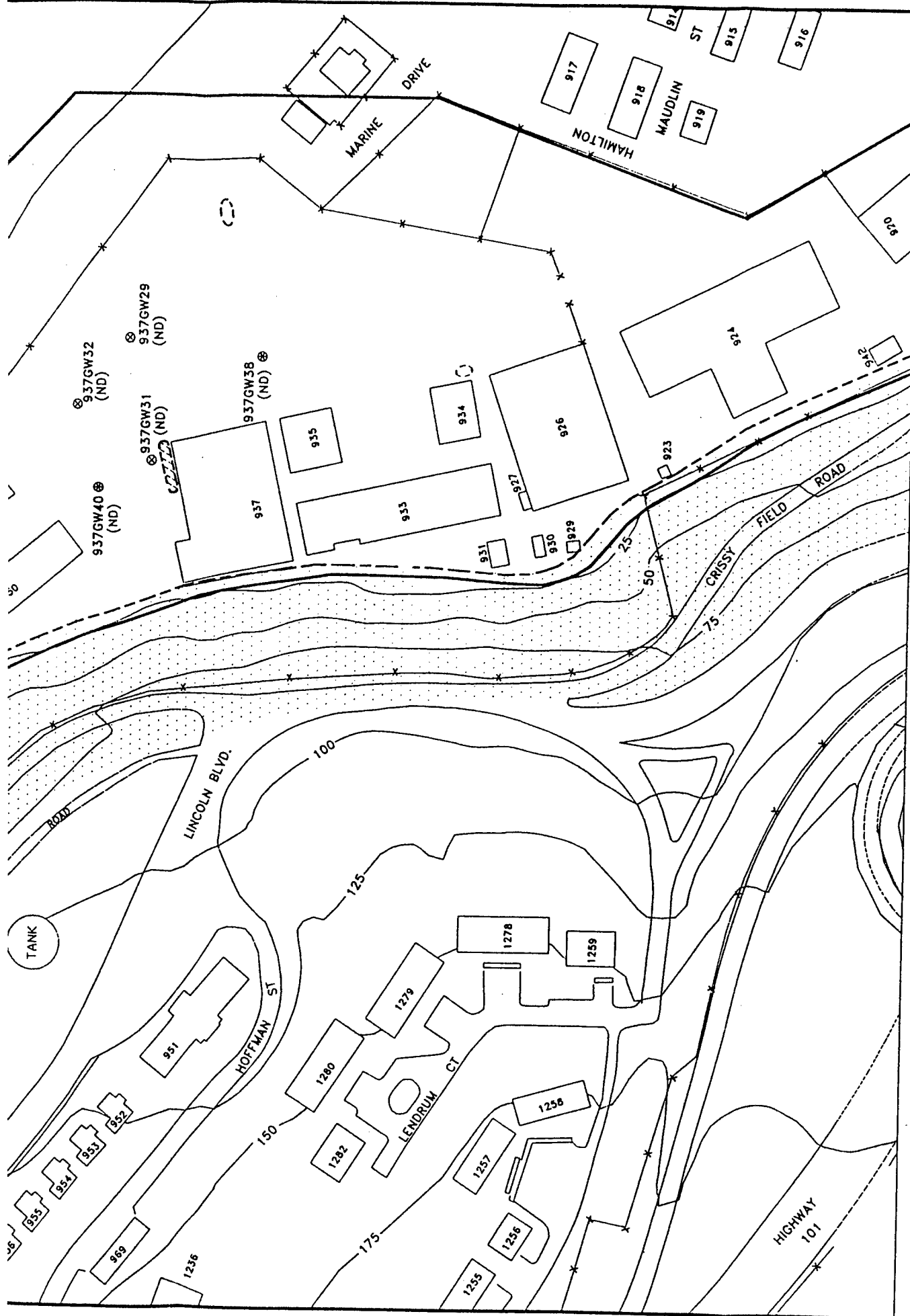
BUILDING 900s SERIES STUDY AREA,
SUM OF CONCENTRATIONS OF
PARENT CHLORINATED COMPOUNDS IN
INTERMEDIATE GROUNDWATER

PSF25187\DV1

Date: January 1997

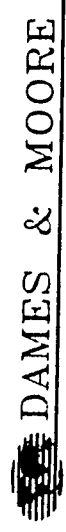
Figure 6.5-68



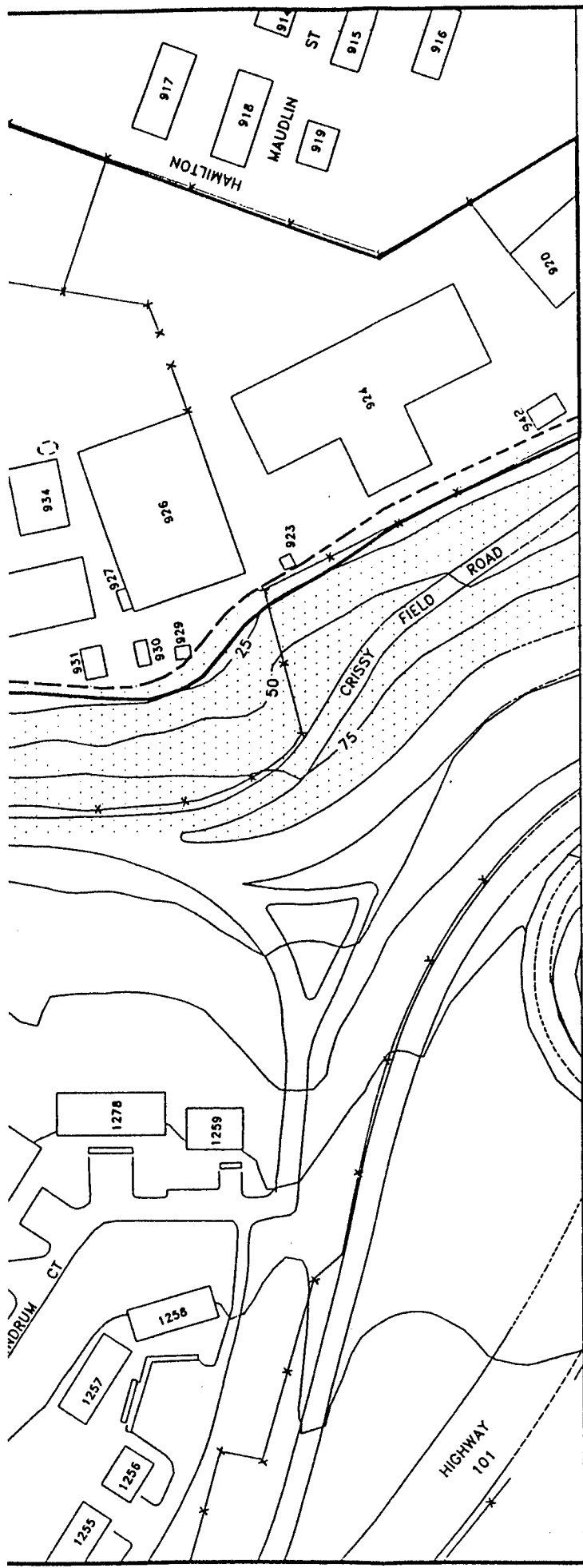


EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⊖ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊙ DISCRETE GROUNDWATER SAMPLE
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET



DAMES & MOORE



EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⊗ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊕ DISCRETE GROUNDWATER SAMPLE
- (12) SUMMED ISOCONCENTRATION (ug/L)
- (ND) NOT DETECTED
- ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)
- - - - - APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA

APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP

TOPOGRAPHIC CONTOUR

CONTOUR INTERVAL 25 FEET

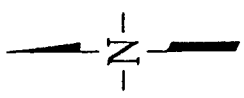
ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

NOTE:

¹ DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.

² SAMPLES COLLECTED NOVEMBER 1994 THROUGH MARCH 1995.

³ SUMMED COMPOUNDS ARE PCE, 111TCA, TCE, AND 11DCA



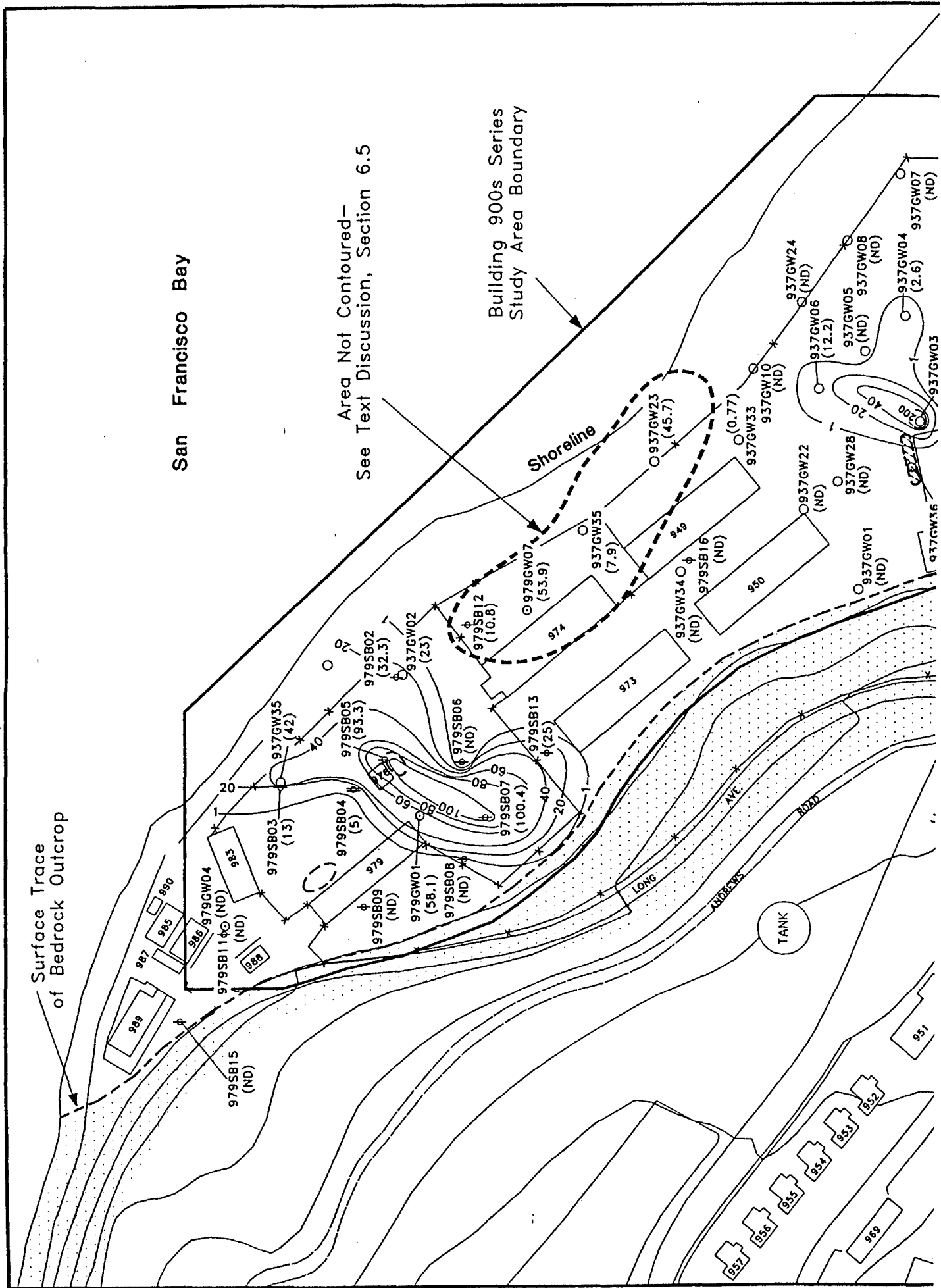
DAMES & MOORE

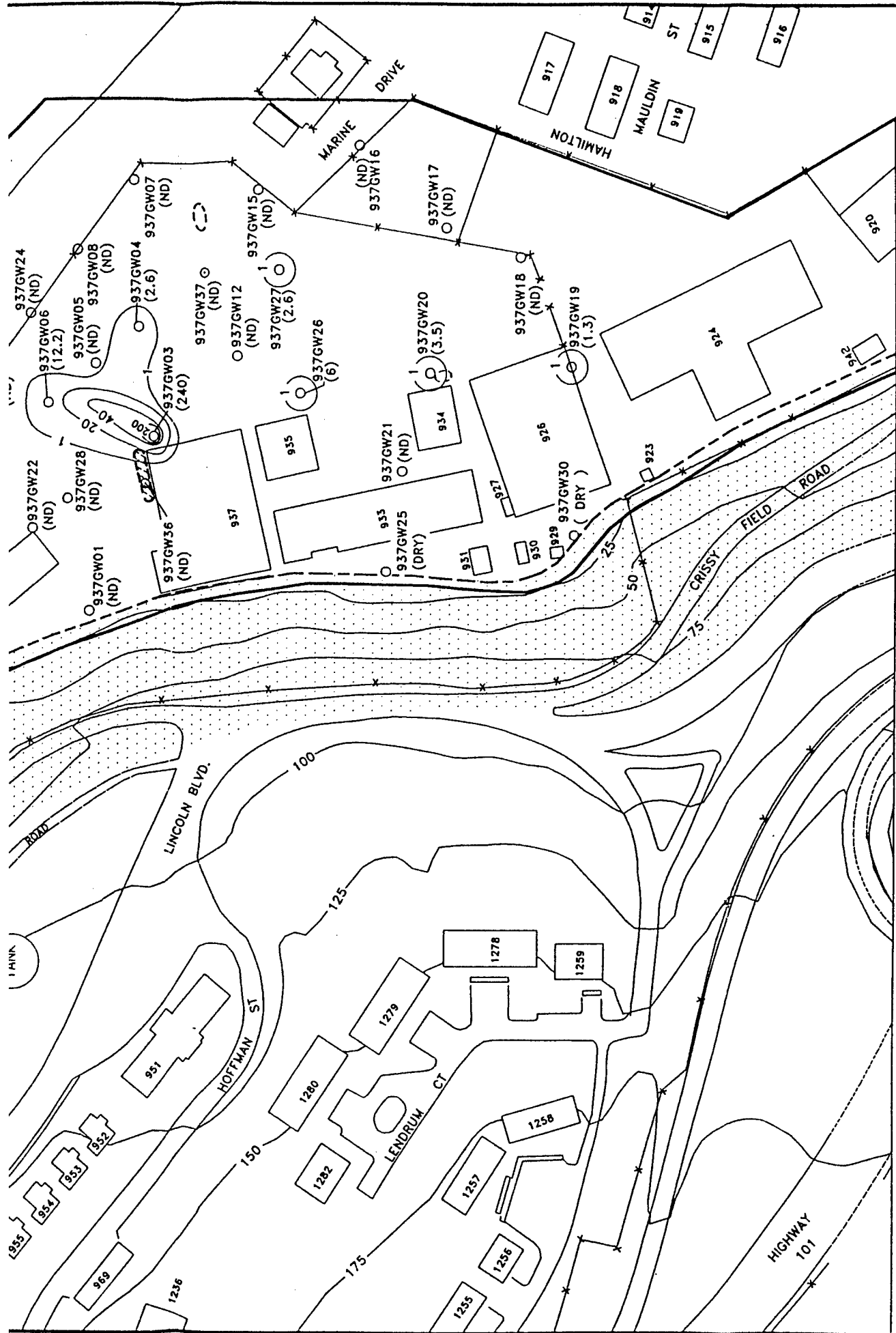
**BUILDING 900s SERIES STUDY AREA,
SUM OF CONCENTRATIONS OF
PARENT CHLORINATED COMPOUNDS
IN DEEP GROUNDWATER**

PSF25152/DV1

Date: January 1997

Figure 6.5-69





EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- ⊗ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊕ DISCRETE GROUNDWATER SAMPLE
- (5.2) SUMMED CONCENTRATION (ug/L)
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

DAMES & MOORE

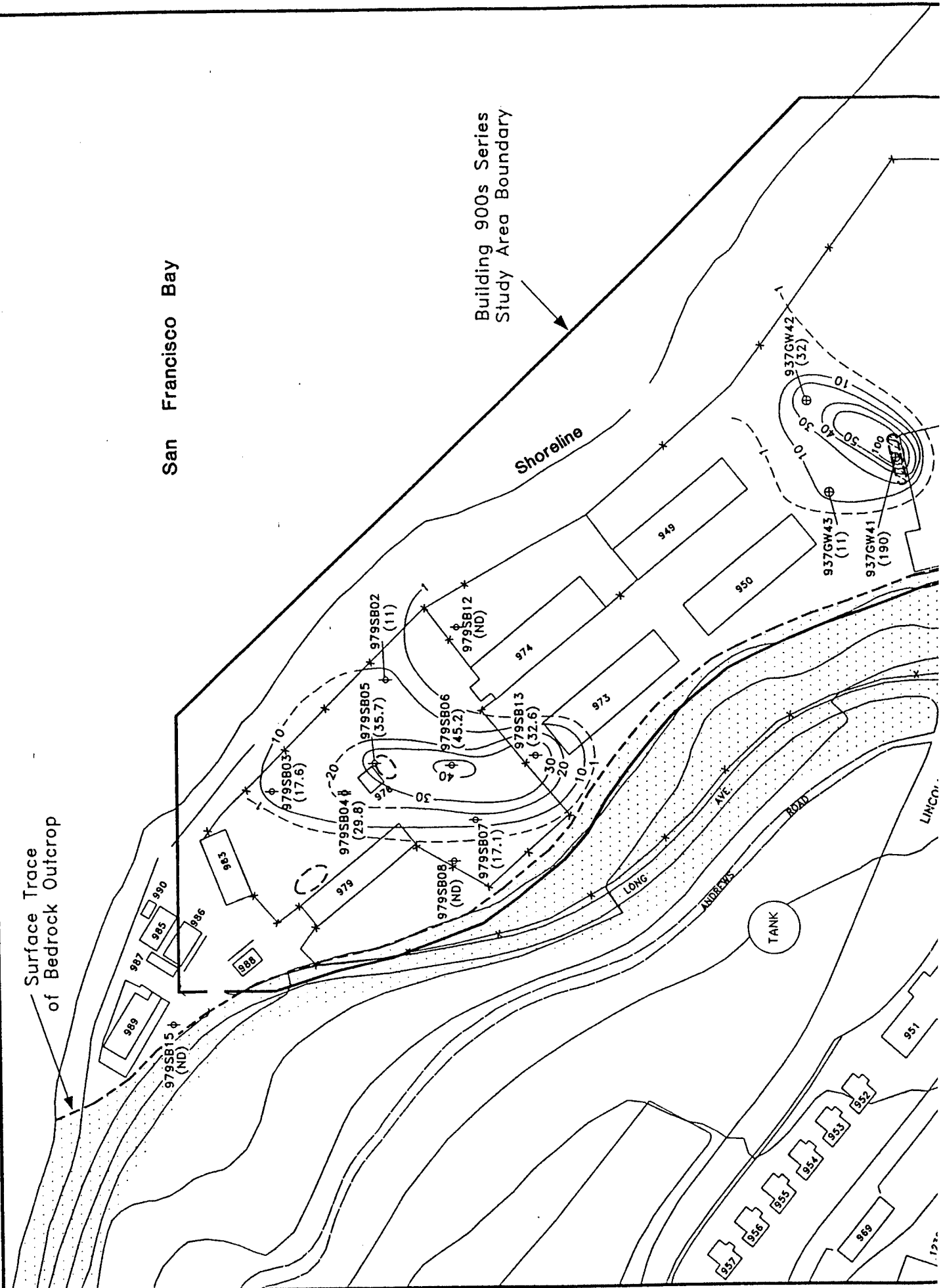
PLANNING AND DESIGN STUDY AREA

Surface Trace
of Bedrock Outcrop

San Francisco Bay

Building 900s Series
Study Area Boundary

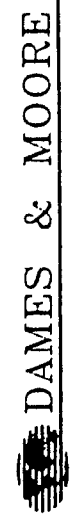
Shoreline



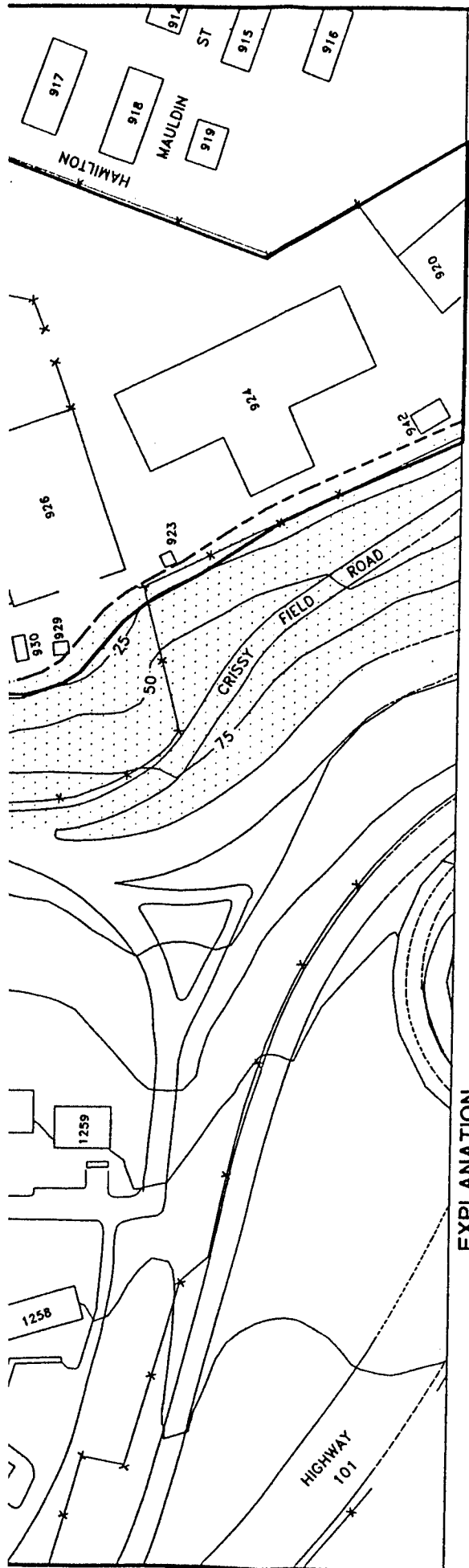


EXPLANATION

- ⊕ INTERMEDIATE MONITORING WELL
- ⊕ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊕ DISCRETE GROUNDWATER SAMPLE
- (190) SUMMED CONCENTRATION (ug/L)
- (ND) NOT DETECTED
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET--PRESIDIO LOWER LOW WATER



BUILDING 900s SERIES STUDY AREA,



EXPLANATION

- ⊕ INTERMEDIATE MONITORING WELL
- SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⬢ DISCRETE GROUNDWATER SAMPLE
- (190) SUMMED CONCENTRATION (ug/L)
- (ND) NOT DETECTED
- ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERRED)
- (---) APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA

APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP

TOPOGRAPHIC CONTOUR

CONTOUR INTERVAL 25 FEET

ELEVATIONS IN FEET—PRESIDIO LOWER LOW WATER

NOTE: ¹INTERMEDIATE MONITORING WELLS ARE SCREENED ENTIRELY WITHIN THE SATURATED ZONE AND ABOVE BEDROCK

²SAMPLES COLLECTED NOVEMBER 1994 THROUGH FEBRUARY 1995

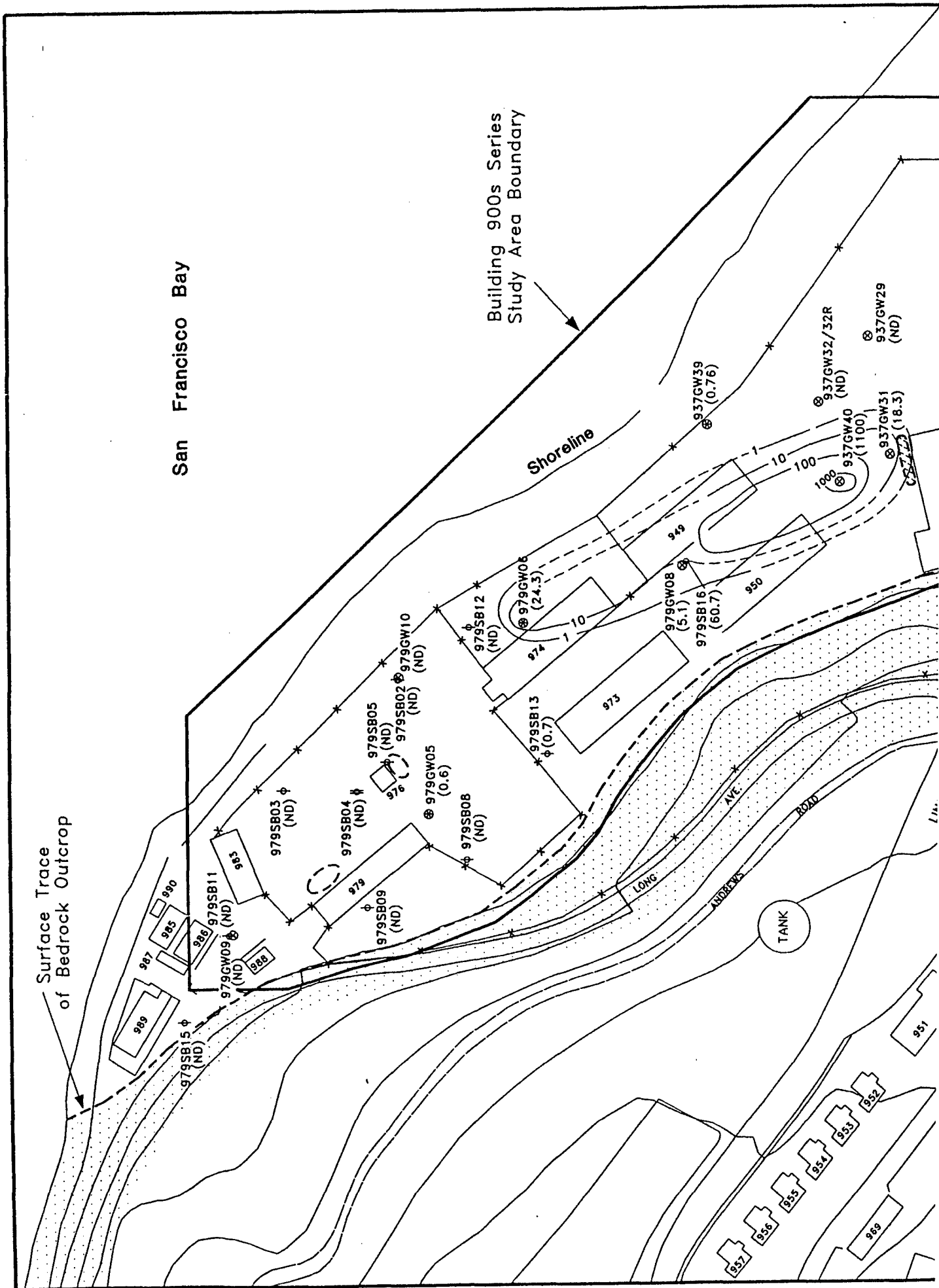
³SUMMED COMPOUNDS ARE CIS-12DCE, TRANS-12DCE, 11DCE, 12DCA, AND VINYL CHLORIDE

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**BUILDING 900s SERIES STUDY AREA,
SUM OF CONCENTRATIONS OF
CHLORINATED DEGRADATION PRODUCTS
IN INTERMEDIATE GROUNDWATER**

PSF25188\DV1

Date: January 1997 Figure 6.5-71



San Francisco Bay

Building 900s Series
Study Area Boundary

Shoreline

Surface Trace
of Bedrock Outcrop

TANK

LONG

AVENUE

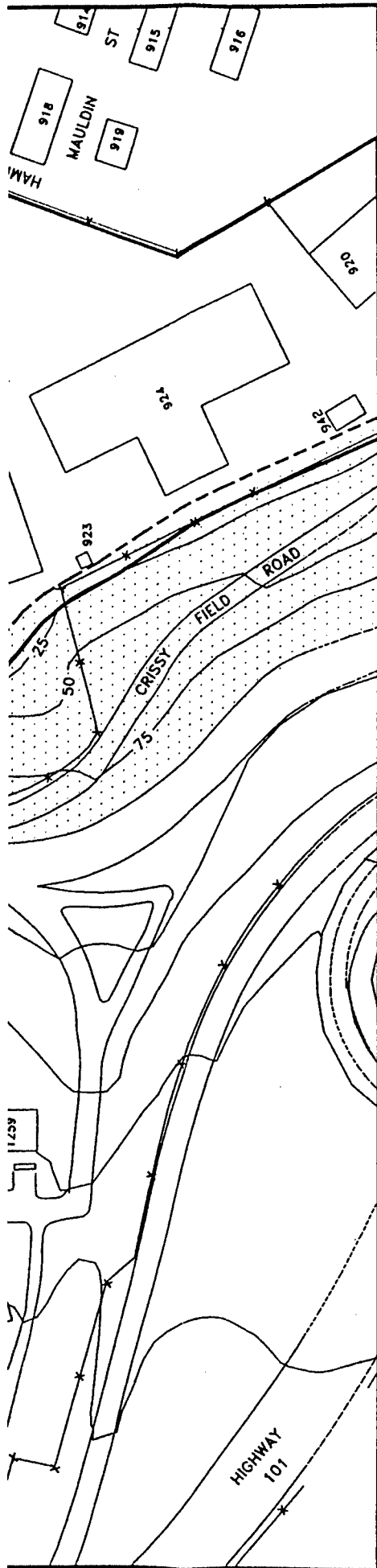
BROADWAY



EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊕ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⊕ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊕ DISCRETE GROUNDWATER SAMPLE
- (5.2) SUMMED CONCENTRATION (ug/L)
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

DAMES & MOORE



EXPLANATION

- ⊗ DEEP MONITORING WELL
- ⊗ DEEP MONITORING WELL WITH SOIL SAMPLES
- ⊗ SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
- ⊗ DISCRETE GROUNDWATER SAMPLE
- (S.2) SUMMED CONCENTRATION (ug/L)
- (ND) NOT DETECTED

APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP

TOPOGRAPHIC CONTOUR

CONTOUR INTERVAL 25 FEET

ELEVATIONS IN

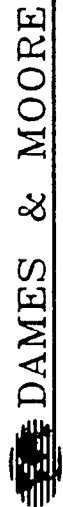
FEET-PRESIDIO LOWER LOW WATER

NOTE: 1 DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.
2 SAMPLES COLLECTED NOVEMBER 1994 THROUGH APRIL 1995.
3 SUMMED COMPOUNDS ARE CIS-12DCE, TRANS-12DCE, 11DCE, 12DCA, & VINYL CHLORIDE.

10- ISOCONCENTRATION CONTOURS (ug/L) (DASHED WHERE INFERRED)

APPROXIMATE LOCATION OF USTs

APPROXIMATE LOCATION OF USTs REMOVED DURING IRA

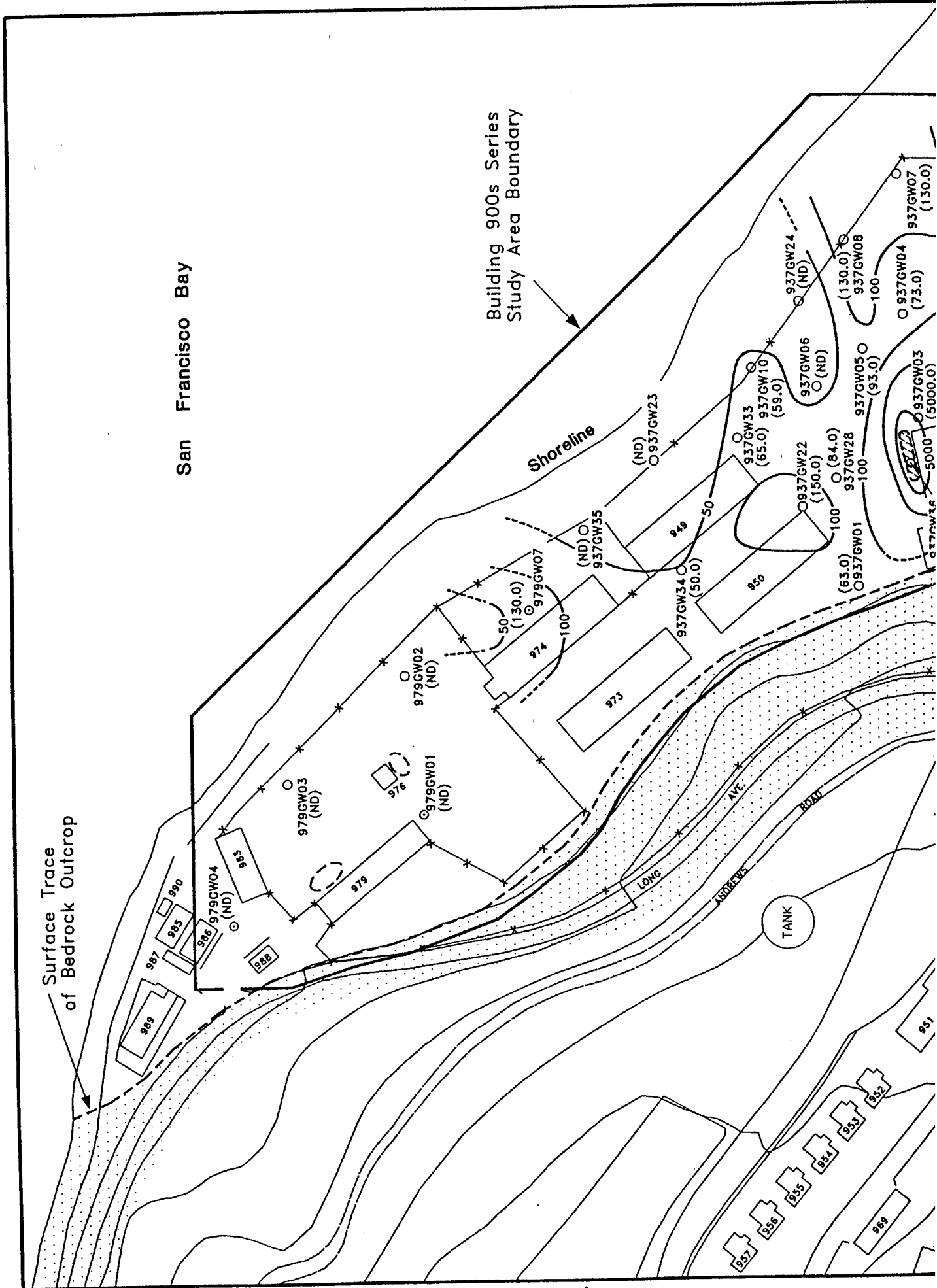


BUILDING 900s SERIES STUDY AREA,
SUM OF CONCENTRATION PRODUCTS
CHLORINATED DEGRADATION PRODUCTS
IN DEEP GROUNDWATER

PSF25154/DV1

Date: January 1997

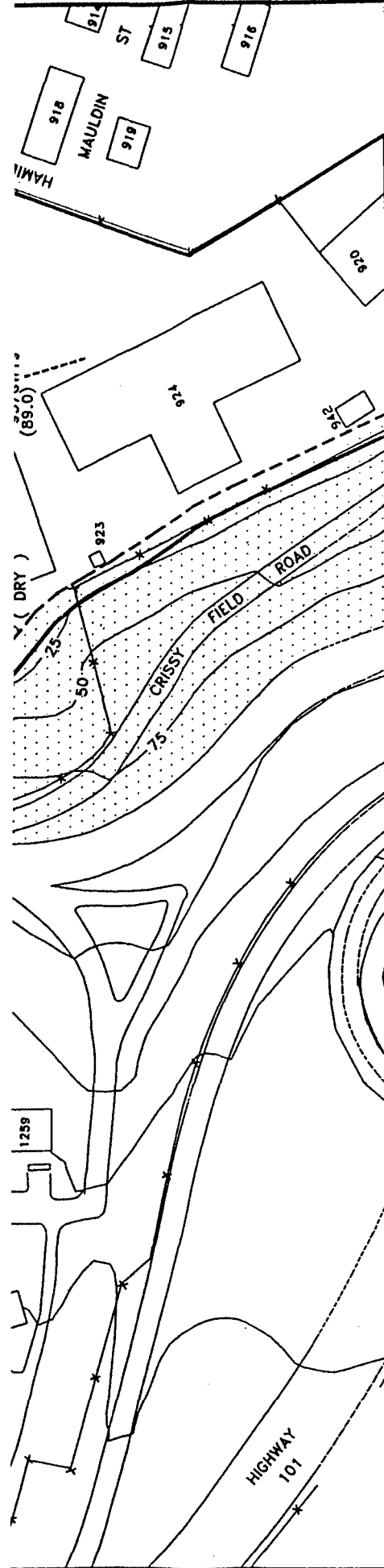
Figure 6.5-72





EXPLANATION

- SHALLOW MONITORING WELL
- SHALLOW MONITORING WELL WITH SOIL SAMPLES
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR



EXPLANATION

- SHALLOW MONITORING WELL
- ⊙ SHALLOW MONITORING WELL WITH SOIL SAMPLES
- (63.0) TPH-D CONCENTRATION (ug/L)
- (ND) NOT DETECTED
- ISOCONCENTRATION CONTOUR (ug/L) (DASHED WHERE INFERED)
- APPROXIMATE LOCATION OF USTs
- APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER

NOTE: ¹SHALLOW MONITORING WELLS ARE SCREENED ACROSS THE WATER TABLE.

²SAMPLES COLLECTED IN NOVEMBER 1994 THROUGH FEBRUARY 1995.

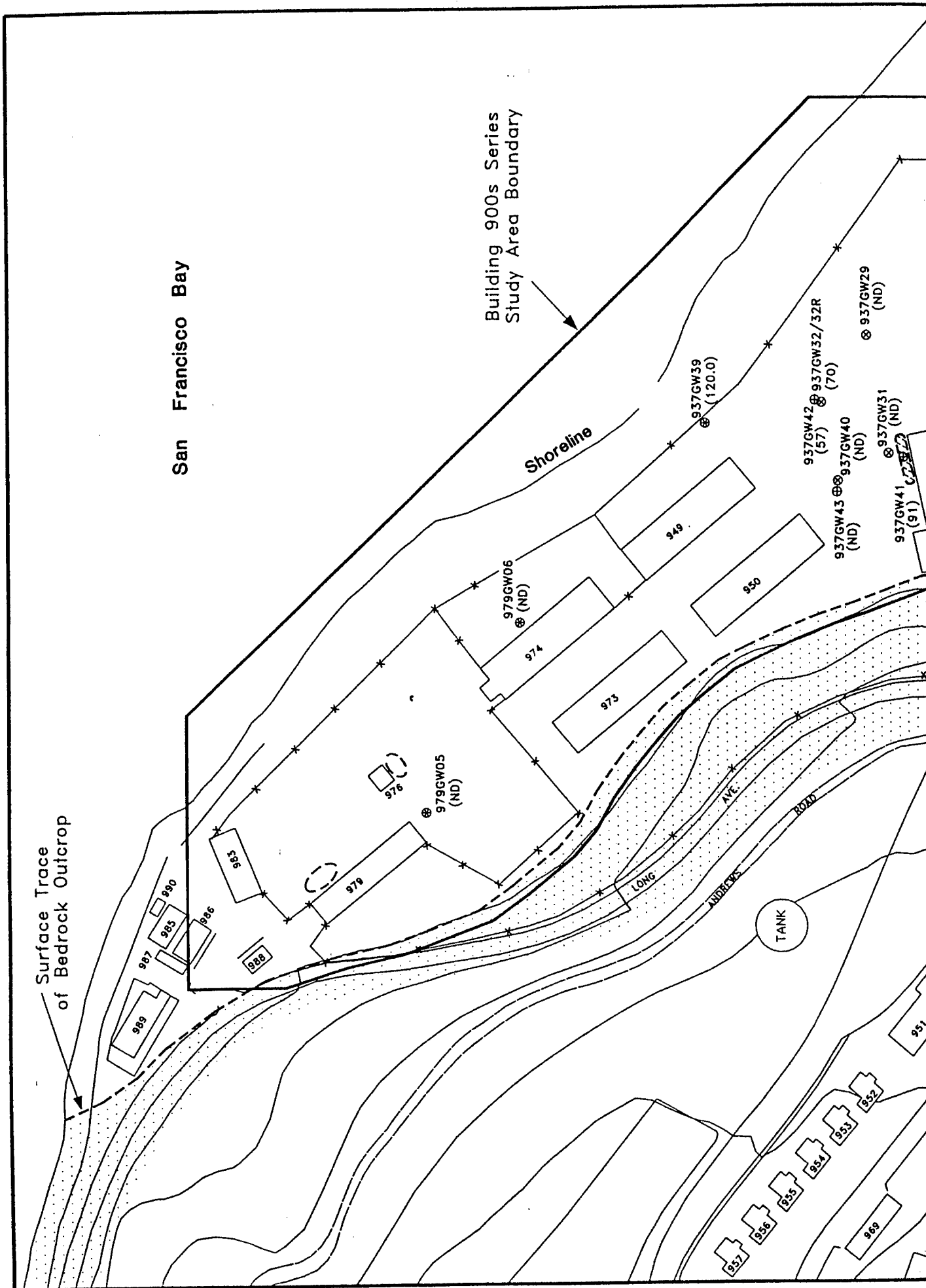
DAMES & MOORE

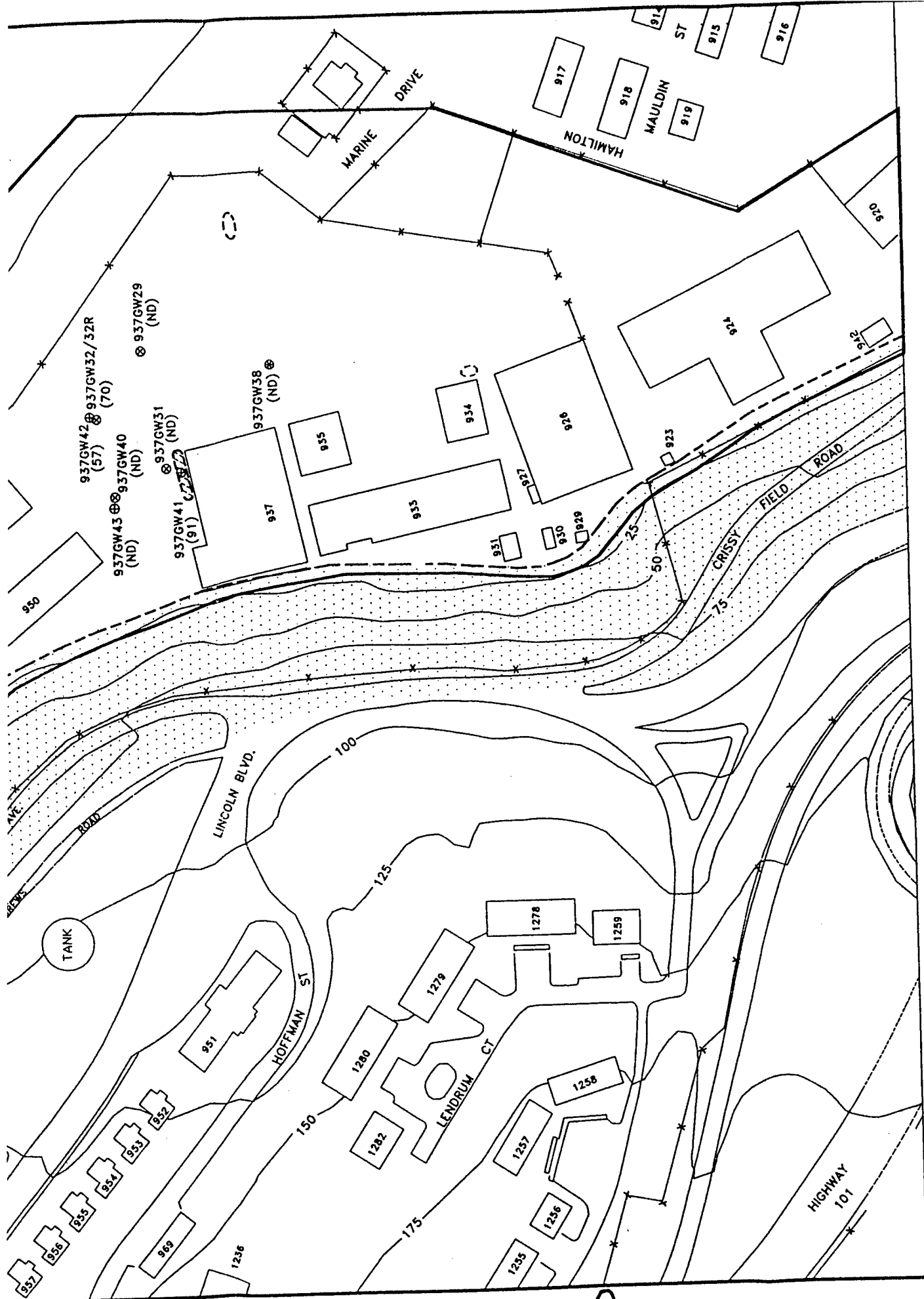
BUILDING 900s SERIES STUDY AREA,
CONCENTRATIONS OF TPH-D
IN SHALLOW GROUNDWATER

PSF25148/DV1

Date: January 1997

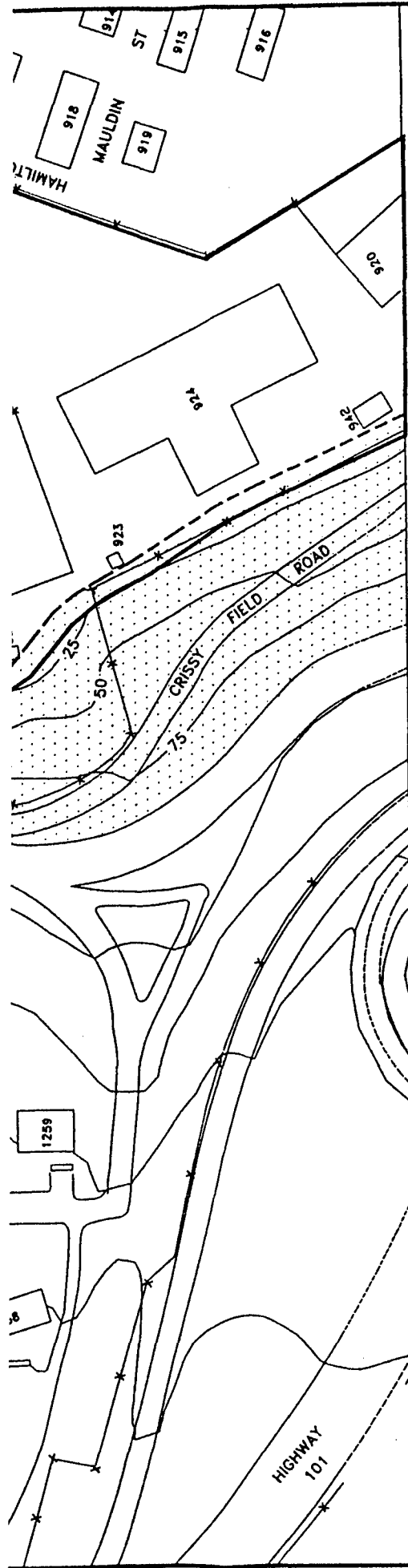
Figure 6.5-73






EXPLANATION

- ⊕ INTERMEDIATE MONITORING WELL
- ⊗ DEEP MONITORING WELL
- APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP



EXPLANATION

- ⊕ INTERMEDIATE MONITORING WELL
- ⊗ DEEP MONITORING WELL
- ⊗ DEEP MONITORING WELL WITH SOIL SAMPLES
- (120) TPH-D CONCENTRATION (ug/L)
- (ND) NOT DETECTED
- (---) APPROXIMATE LOCATION OF USTs
- ⌘ APPROXIMATE LOCATION OF USTs REMOVED DURING IRA
- - - - - APPROXIMATE AREAL EXTENT OF BEDROCK OUTCROP
- 175— TOPOGRAPHIC CONTOUR
- CONTOUR INTERVAL 25 FEET
- ELEVATIONS IN FEET-PRESIDIO LOWER LOW WATER
- NOTE: 1 DEEP MONITORING WELLS ARE SCREENED AT BOTTOM OF AQUIFER.
- 2 SAMPLES COLLECTED IN NOVEMBER 1994 THROUGH FEBRUARY 1995.



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**BUILDING 900s SERIES STUDY AREA,
CONCENTRATIONS OF TPH-D IN
INTERMEDIATE AND DEEP GROUNDWATER**

PSF25147/DV1

Date: January 1997

Figure 6.5-74

| 979GW05 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | NA | 114 | 390 |
| Aluminum (F) | <141.000 | <25.0 | <100 |

| 979GW10 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Aluminum | 120 J8 |
| Aluminum (F) | <100 U9 |

| 937GW39 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 430 | <500 | <100 |
| Aluminum (F) | 170 | <100 | <100 |

| 979GW08 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Aluminum | 290 |
| Aluminum (F) | <100 |

| 937GW42 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <100 | <100 |
| Aluminum (F) | <100 | <100 |

| 937GW32 | |
|--------------|------------|
| Analyte | Initial RI |
| Aluminum (F) | <112.000 |

| 937GW32R | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 110 | <100 |
| Aluminum (F) | <100 | <100 |

| 937GW43 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <100 | <100 |
| Aluminum (F) | <100 | <100 |

| 937GW40 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <100 | <100 |
| Aluminum (F) | <100 | <100 |

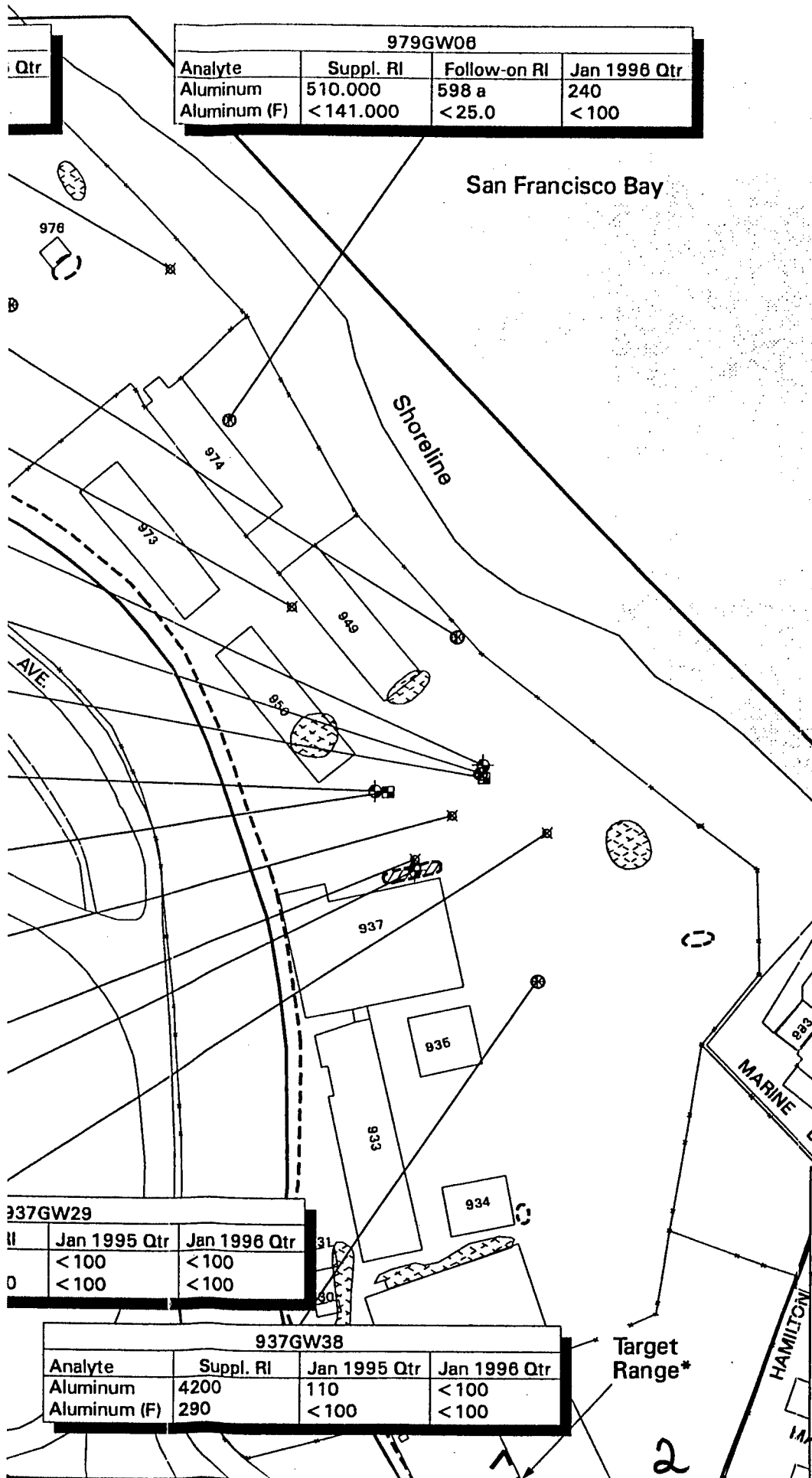
| 937UVB01M3 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Aluminum | <100 |
| Aluminum (F) | <100 |

| 937GW31 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | NA | 110 | 222 |
| Aluminum (F) | <112.000 | <100 | <100 |

| 937GW41 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | <100 | <100 |
| Aluminum (F) | <100 | <100 |

| 937GW29 | | |
|--------------|------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr |
| Aluminum | NA | <100 |
| Aluminum (F) | <112.000 | <100 |

| Analyte | |
|--------------|---|
| Aluminum | 4 |
| Aluminum (F) | 2 |



| 979GW08 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Aluminum | 510.000 | 598 a | 240 |
| Aluminum (F) | < 141.000 | < 25.0 | < 100 |

- EXPLANATION**
- MONTGOMERY WATSON INT MONITORING WELL
 - DEEP MONITORING WELL
 - MONTGOMERY WATSON DEI MONITORING WELL
 - DEEP MONITORING WELL WI SOIL SAMPLES
 - APPROXIMATE LOCATIONS C REMOVED DURING IRA
 - APPROXIMATE LOCATIONS C FORMER USTs
 - STAINED AREAS

- NOTES:**
1. ALL CONCENTRATIONS REPORT
 2. DATA FOOTNOTE AND LITHOLO ARE INCLUDED AT THE END OF TH SECTION.
 3. (F) INDICATES FILTERED SAMPL
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATION BY MONTGOMERY WATSON.

| 937GW29 | | |
|---------|--------------|--------------|
| Qtr | Jan 1995 Qtr | Jan 1996 Qtr |
| II | < 100 | < 100 |
| 0 | < 100 | < 100 |

| 937GW38 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Aluminum | 4200 | 110 | < 100 |
| Aluminum (F) | 290 | < 100 | < 100 |

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BUILDING 900S SERIES STU CONCENTRATIONS OF ALUMINUM INTERMEDIATE & DEEP GROUNDWATER

PSF26277








Date: January 1997

Figure

996 Qtr

Bay

EXPLANATION

-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

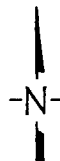
3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary

MARINE DRIVE



0 75 150
FEET



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF ALUMINUM IN
INTERMEDIATE & DEEP GROUNDWATER**

PSF26277

3

Date: January 1997

Figure 6.5-30

| 979GW05 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Antimony | NA | < 1.11 | < 5.0 |
| Antimony (F) | 46.700 | 6.30 | < 5.0 |

| 979GW10 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Antimony | < 5.0 U9 |
| Antimony (F) | < 5.0 U9 |

| 937GW39 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 10 | < 5.0 | < 5.0 |
| Antimony (F) | 13 | < 5.0 | < 5.0 |

| 979GW08 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Antimony | < 5.0 |
| Antimony (F) | < 5.0 |

| 937GW42 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 5.0 | < 5.0 |
| Antimony (F) | < 5.0 | < 5.0 |

| 937GW32 | |
|--------------|------------|
| Analyte | Initial RI |
| Antimony (F) | < 60.000 |

| 937GW32R | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 5.0 | < 5.0 |
| Antimony (F) | < 5.0 | < 5.0 |

| 937GW43 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 5.0 | < 5.0 |
| Antimony (F) | < 5.0 | < 5.0 |

| 937GW40 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 5.0 | < 5.0 |
| Antimony (F) | < 5.0 | < 5.0 |

| 937UVB01M3 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Antimony | < 5.0 |
| Antimony (F) | < 5.0 |

| 937GW31 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | < 5.0 | < 5.0 |
| Antimony (F) | < 60.000 | < 5.0 | < 5.0 |

| 937GW41 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 5.0 | < 5.0 |
| Antimony (F) | < 5.0 | < 5.0 |

| 937GW29 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | NA | < 5.0 | < 5.0 |
| Antimony (F) | < 60.000 | < 5.0 | < 5.0 |

| Analyte | |
|--------------|---|
| Antimony | < |
| Antimony (F) | < |

W10

Jan 1996 Qtr
< 5.0 U9
< 5.0 U9

| 979GW06 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Antimony | 96.100 | < 1.11 | < 5.0 |
| Antimony (F) | 68.600 | 13.9 | < 5.0 |

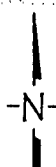
San Francisco Bay

Shoreline

- EXPLAN**
- MONTGOMERY WA MONITORING WELL
 - DEEP MONITORING
 - MONTGOMERY WA MONITORING WELL
 - DEEP MONITORING SOIL SAMPLES
 - APPROXIMATE LOC REMOVED DURING
 - APPROXIMATE LOC FORMER USTs
 - STAINED AREAS

- NOTES:**
1. ALL CONCENTRATION
 2. DATA FOOTNOTE AND ARE INCLUDED AT THE E SECTION.
 3. (F) INDICATES FILTERE
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVES BY MONTGOMERY WATS

Building 900s Series Study Area Boundary



0 75
FEET

DAMES &

**BUILDING 900S SERIE
CONCENTRATIONS C
INTERMEDIATE & DEEP**

PSF26287

Date: January 1997

| 937GW29 | | |
|------------|--------------|--------------|
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| IA | < 5.0 | < 5.0 |
| < 60.000 | < 5.0 | < 5.0 |

| 937GW38 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Antimony | < 10 | < 5.0 | < 5.0 |
| Antimony (F) | < 10 | < 5.0 | < 5.0 |

Target Range*








HAMILTON

MARINE DRIVE

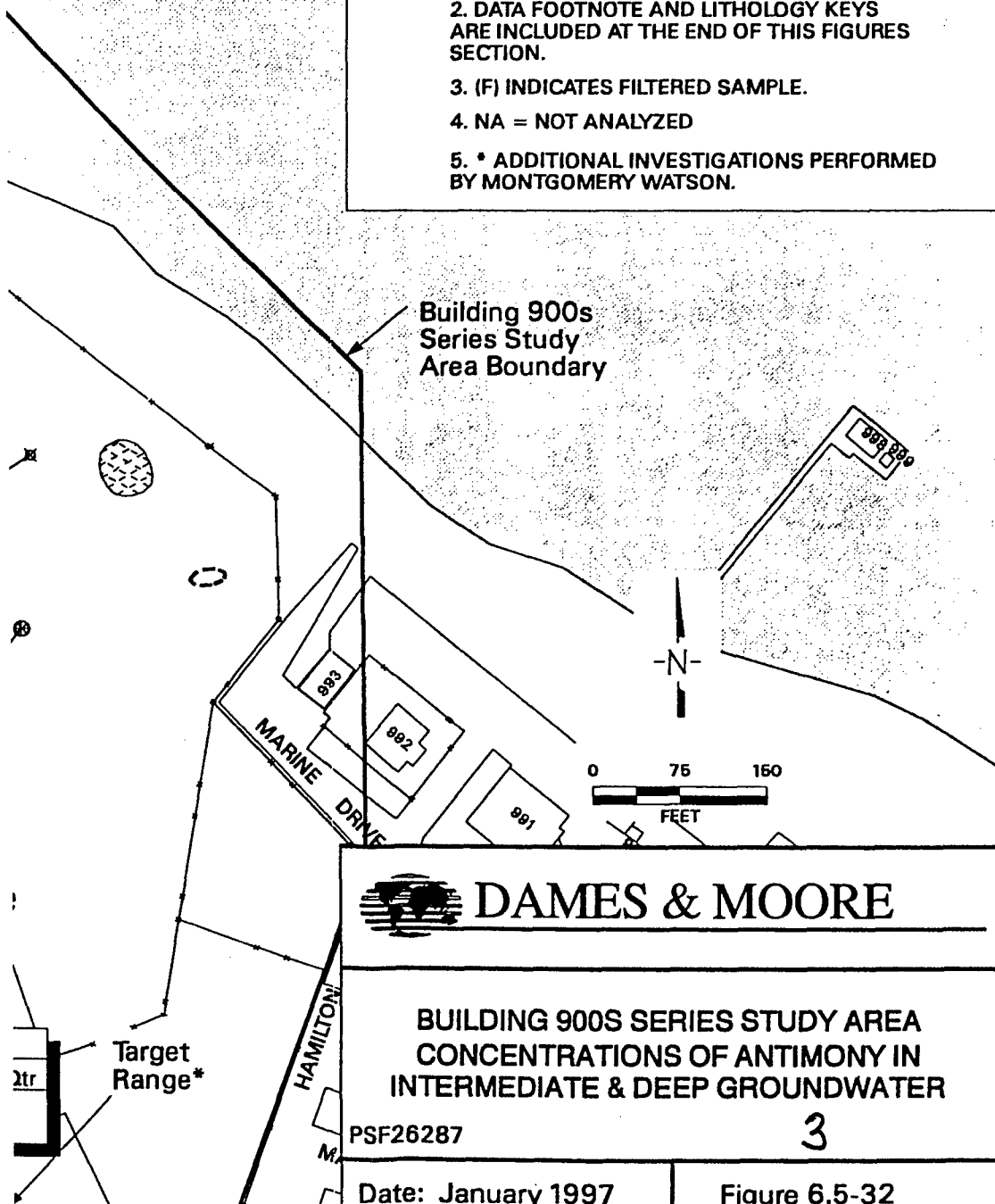
2

| | |
|----|--------------|
| RI | Jan 1998 Qtr |
| | <5.0 |
| | <5.0 |

San Francisco Bay

- EXPLANATION**
-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
 -  DEEP MONITORING WELL
 -  MONTGOMERY WATSON DEEP MONITORING WELL
 -  DEEP MONITORING WELL WITH SOIL SAMPLES
 -  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
 -  APPROXIMATE LOCATIONS OF FORMER USTs
 -  STAINED AREAS

- NOTES:**
1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
 2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
 3. (F) INDICATES FILTERED SAMPLE.
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.



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**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF ANTIMONY IN
INTERMEDIATE & DEEP GROUNDWATER**

PSF26287

3

Date: January 1997

Figure 6.5-32

| 979GW05 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Cadmium | NA | < 3.00 | < 0.50 |
| Cadmium (F) | < 4.010 | < 3.00 | < 0.50 |

| 979GW10 | |
|-------------|--------------|
| Analyte | Jan 1996 Qtr |
| Cadmium | 1.1 J9 |
| Cadmium (F) | 1.1 J9 |

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| 937GW39 | | | |
|-------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | < 10 | < 0.50 | < 2.5 |
| Cadmium (F) | < 10 | < 0.50 | < 2.5 |

| 979GW08 | |
|-------------|--------------|
| Analyte | Jan 1996 Qtr |
| Cadmium | < 0.50 |
| Cadmium (F) | < 0.50 |

| 937GW42 | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | < 0.50 | 1.5 |
| Cadmium (F) | < 0.50 | < 0.50 |

| 937GW32 | |
|-------------|------------|
| Analyte | Initial RI |
| Cadmium (F) | 30.987 |

| 937GW32R | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | < 0.50 | 0.54 |
| Cadmium (F) | < 0.50 | < 0.50 |

| 937GW43 | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | < 0.50 | < 0.50 |
| Cadmium (F) | < 0.50 | < 0.50 |

| 937GW40 | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | < 0.50 | < 0.50 |
| Cadmium (F) | < 0.50 | < 0.50 |

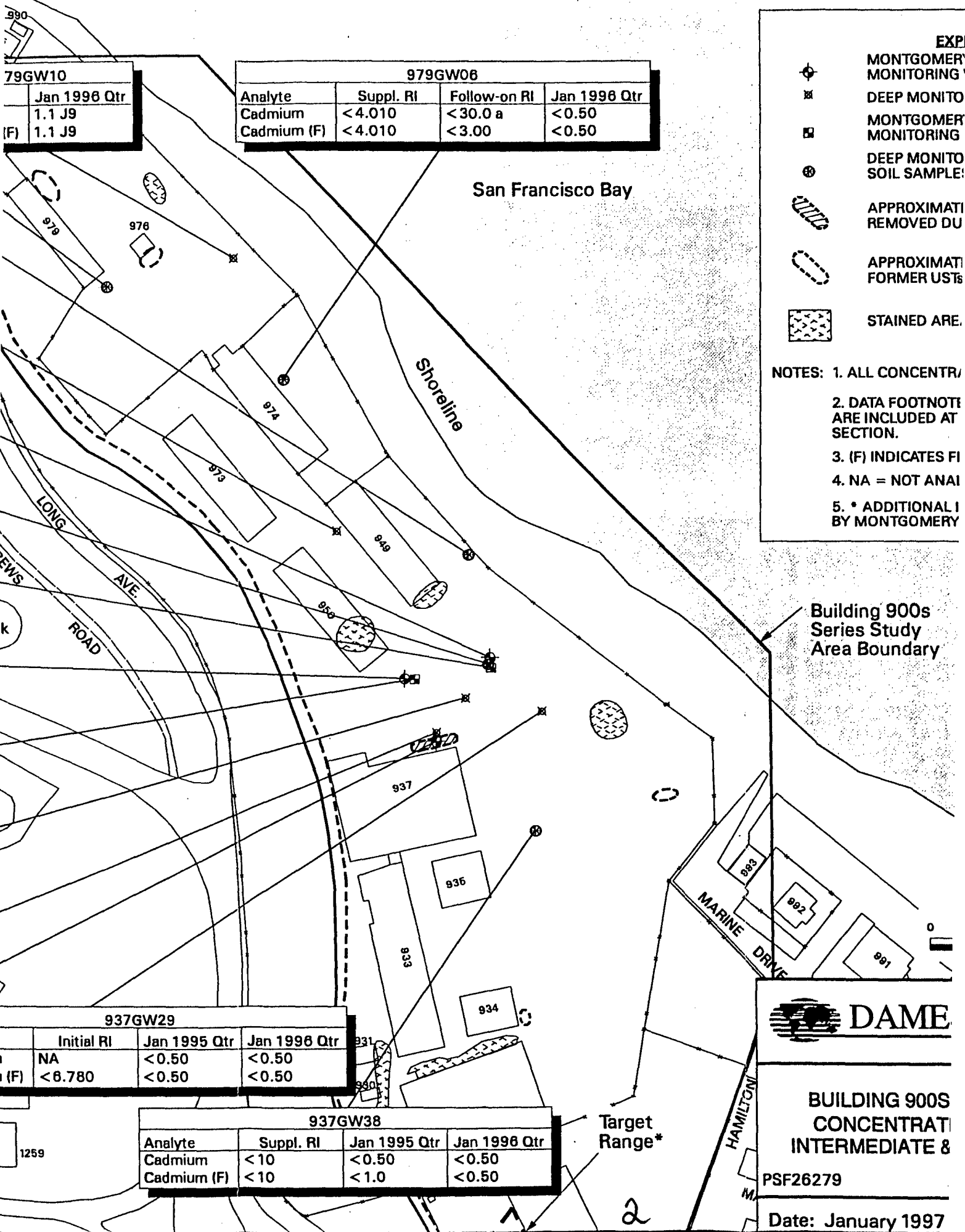
| 937UVB01M3 | |
|-------------|--------------|
| Analyte | Jan 1996 Qtr |
| Cadmium | < 0.50 |
| Cadmium (F) | < 0.50 |

| 937GW31 | | | |
|-------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | NA | < 0.50 | < 2.5 |
| Cadmium (F) | < 6.780 | < 0.50 | < 2.5 |

| 937GW41 | | |
|-------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Cadmium | < 0.50 | < 0.50 |
| Cadmium (F) | < 0.50 | < 0.50 |

| 937GW29 | | |
|-------------|------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr |
| Cadmium | NA | < 0.50 |
| Cadmium (F) | < 6.780 | < 0.50 |








| Analyte |
|-------------|
| Cadmium |
| Cadmium (F) |



| |
|--------------|
| Jan 1996 Qtr |
| <0.50 |
| <0.50 |

San Francisco Bay

EXPLANATION

-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. (F) INDICATES FILTERED SAMPLE.
4. NA = NOT ANALYZED
5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary

MARINE DRIVE

HAMILTON



DAMES & MOORE

BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF CADMIUM IN
INTERMEDIATE & DEEP GROUNDWATER

PSF26279

3

Date: January 1997

Figure 6.5-34

Qtr
Target Range*

| 979GW05 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | NA | < 5.00 | 1.5 |
| Chromium (F) | < 6.020 | < 5.00 | < 1.0 |

| 979GW10 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Chromium | 2.5 J9 |
| Chromium (F) | < 1.0 U9 |

| 937GW39 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 7.9 | 2.2 | < 5.0 |
| Chromium (F) | 5.1 | < 2.0 | < 5.0 |

| 979GW08 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Chromium | < 1.0 |
| Chromium (F) | < 1.0 |

| 937GW42 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 3.9 | 5.3 |
| Chromium (F) | 9.2 | 2.6 |

| 937GW32 | |
|--------------|------------|
| Analyte | Initial RI |
| Chromium (F) | < 16.800 |

| 937GW32R | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 2.2 | 1.1 |
| Chromium (F) | < 9.4 U4 | < 1.0 |

| 937GW43 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 3.0 | 2.6 |
| Chromium (F) | 12 | 2.3 |

| 937GW40 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 1.2 | 1.2 |
| Chromium (F) | 13 | 3.1 |

| 937UVB01M3 | |
|--------------|--------------|
| Analyte | Jan 1996 Qtr |
| Chromium | 2.3 |
| Chromium (F) | 1.6 |

| 937GW31 | | | |
|--------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | NA | 5.3 | 11.3 |
| Chromium (F) | < 16.800 | 12 | < 5.0 |

| 937GW41 | | |
|--------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 3.4 | 3.8 |
| Chromium (F) | < 9.5 U4 | 1.1 |

| 937GW29 | | |
|--------------|------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr |
| Chromium | NA | < 1.0 |
| Chromium (F) | < 16.800 | 7.4 |

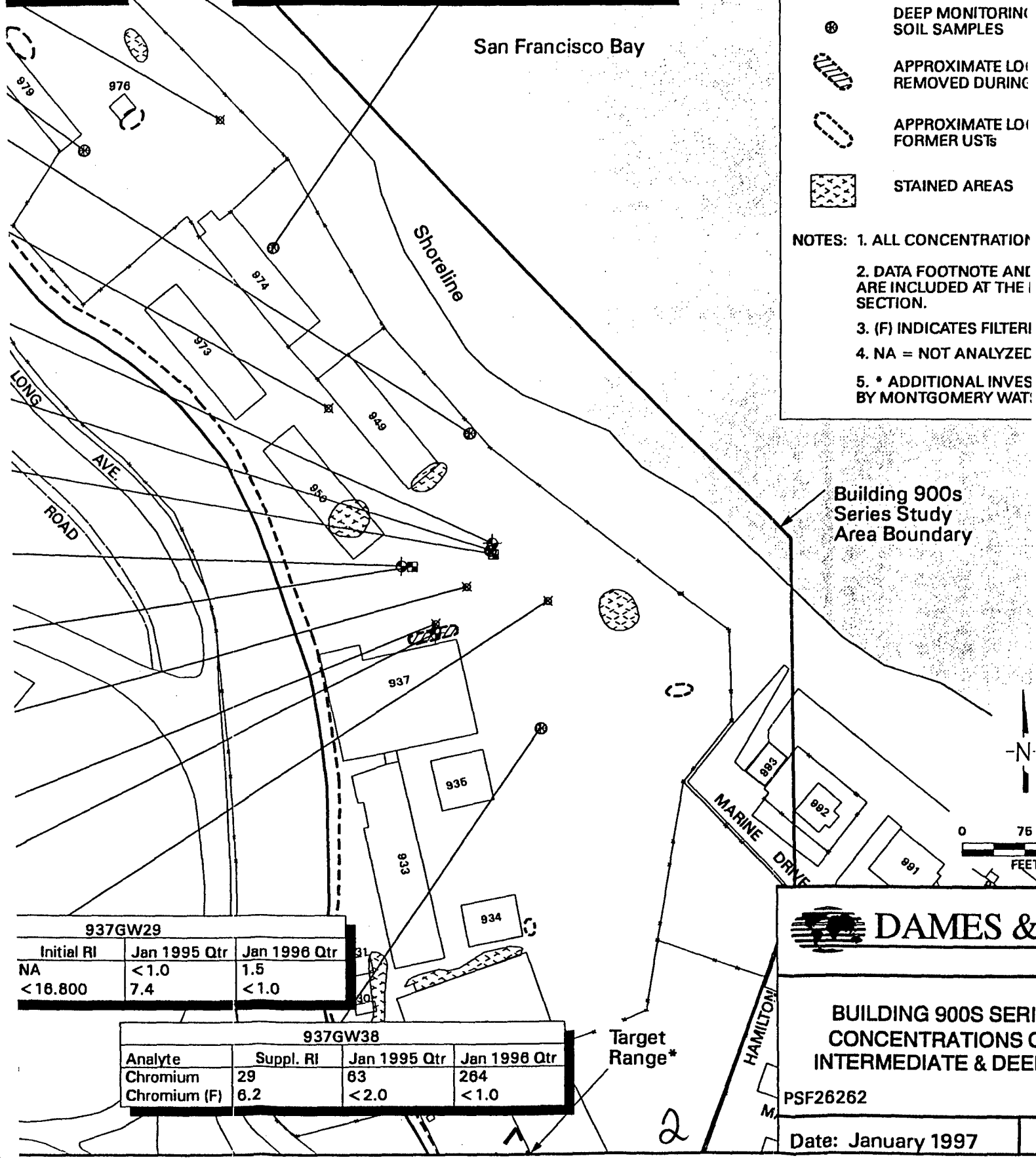
| Analyte |
|--------------|
| Chromium |
| Chromium (F) |

| Jan 1996 Qtr |
|--------------|
| 2.5 J9 |
| <1.0 U9 |

| 979GW08 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Chromium | NA | <50.0 a | 1.4 |
| Chromium (F) | <8.020 | <5.00 | 1.4 |

- EXPLAN**
- MONTGOMERY W. MONITORING WEL
 - DEEP MONITORING W.
 - MONTGOMERY W. MONITORING WEL
 - DEEP MONITORING WEL
 - SOIL SAMPLES
 - APPROXIMATE LOI REMOVED DURING
 - APPROXIMATE LOI FORMER USTs
 - STAINED AREAS

- NOTES:**
1. ALL CONCENTRATION
 2. DATA FOOTNOTE AND ARE INCLUDED AT THE SECTION.
 3. (F) INDICATES FILTERI
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVES BY MONTGOMERY WAT



| 937GW29 | | |
|------------|--------------|--------------|
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| NA | <1.0 | 1.5 |
| <18.800 | 7.4 | <1.0 |

| 937GW38 | | | |
|--------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Chromium | 29 | 63 | 264 |
| Chromium (F) | 6.2 | <2.0 | <1.0 |

DAMES & MOHR

BUILDING 900S SERIES CONCENTRATIONS C INTERMEDIATE & DEEP

PSF26262

Date: January 1997

996 Qtr

Bay

EXPLANATION

⊕ MONTGOMERY WATSON INTERMEDIATE MONITORING WELL

⊗ DEEP MONITORING WELL

⊠ MONTGOMERY WATSON DEEP MONITORING WELL

⊕ DEEP MONITORING WELL WITH SOIL SAMPLES

⌢ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA

⌢ APPROXIMATE LOCATIONS OF FORMER USTs

⊞ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary

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DAMES & MOORE

BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF CHROMIUM IN
INTERMEDIATE & DEEP GROUNDWATER

PSF26262

3

Date: January 1997

Figure 6.5-36

| 979GW05 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Copper | NA | 2.47 f | 1.8 |
| Copper (F) | 40.600 | 3.40 | 1.3 |

| 979GW10 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Copper | < 1.0 |
| Copper (F) | 7.2 |

| 937GW39 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | < 10 | 2.1 | < 5.0 |
| Copper (F) | < 10 | 4.1 | 9.1 |

| 979GW08 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Copper | < 1.0 |
| Copper (F) | 1.2 |

| 937GW42 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | 2.8 | < 1.9 U4 |
| Copper (F) | 2.9 | < 1.8 U4 |

| 937GW32 | |
|------------|------------|
| Analyte | Initial RI |
| Copper (F) | < 18.800 |

| 937GW32R | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | 1.3 | 1.2 |
| Copper (F) | < 2.1 U4 | 1.2 |

| 937GW43 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | < 1.0 | < 1.0 |
| Copper (F) | < 1.0 | < 1.0 |

| 937GW40 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | 27 | < 1.0 |
| Copper (F) | 9.6 | 4.2 |

| 937UVB01M3 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Copper | 2.7 |
| Copper (F) | 2.2 |

| 937GW31 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | < 1.0 | < 5.0 |
| Copper (F) | < 18.800 | 1.4 | < 5.0 |

| 937GW41 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | < 1.0 | < 1.0 |
| Copper (F) | < 1.0 | < 1.0 |

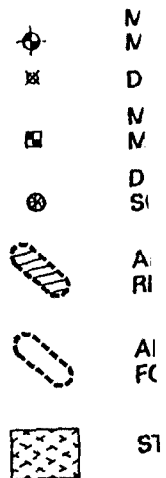
| 937GW29 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | < 1.0 | 1.4 |
| Copper (F) | < 18.800 | 1.4 | < 5.0 |

| Analyte | |
|------------|-------|
| Copper | < 1.0 |
| Copper (F) | < 1.0 |

| 979GW10 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Copper | < 1.0 |
| Copper (F) | 7.2 |

| 979GW08 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Copper | < 8.090 | 2.22 f | 2.2 |
| Copper (F) | < 8.090 | 11.8 | < 1.0 |

San Francisco Bay



NOTES: 1. ALL C
 2. DATA
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 3. (F) IN
 4. NA =
 5. * ADI
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Date: January

Target Range*

| 937GW29 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | NA | < 1.0 | 1.4 |
| Copper (F) | < 18.800 | 1.4 | < 1.0 |

| 937GW38 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Copper | < 10 | 1.0 | 1.6 |
| Copper (F) | < 10 | 2.4 | < 1.0 |

1259

HAMILTON

MARINE DRIVE

Shoreline

LONG AVE.

ANDREWS ROAD

Tank

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936

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931

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983

982

981

978

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973








949

938

1279

2

EXPLANATION

-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

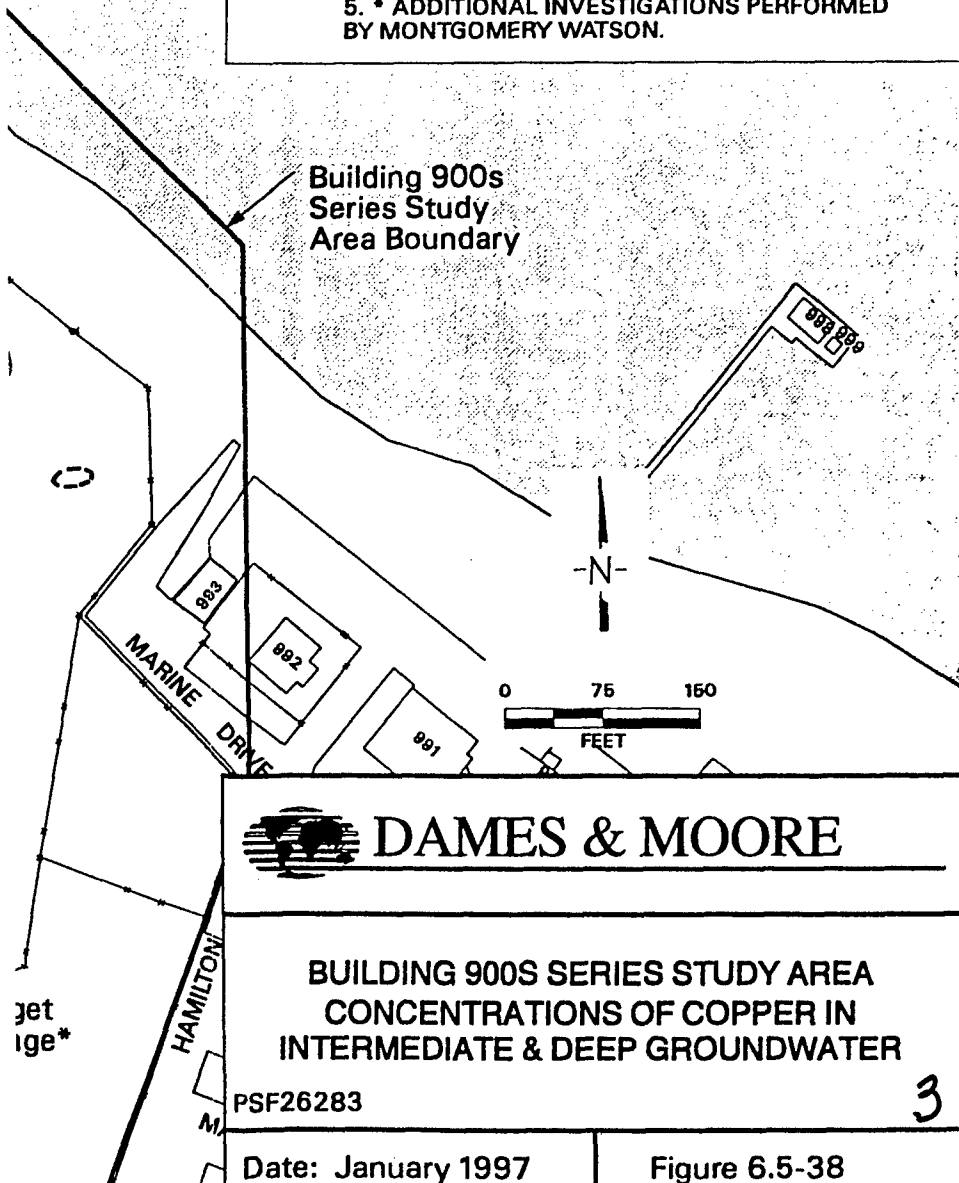
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF COPPER IN
INTERMEDIATE & DEEP GROUNDWATER**

PSF26283

3

Date: January 1997

Figure 6.5-38

| 979GW05 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Lead | NA | 5.99 f | <1.0 |
| Lead (F) | <1.260 | 1.46 | <1.0 |

| 979GW10 | |
|----------|--------------|
| Analyte | Jan 1996 Qtr |
| Lead | <1.0 U9 |
| Lead (F) | 1.3 J9 |

| 937GW39 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <5 | <1.0 | <5.0 |
| Lead (F) | <5 | <1.0 | <5.0 |

| 979GW08 | |
|----------|--------------|
| Analyte | Jan 1996 Qtr |
| Lead | <1.0 |
| Lead (F) | <1.0 |

| 937GW42 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 1.2 | <1.0 |
| Lead (F) | <1.0 | <1.0 |

| 937GW32 | |
|----------|------------|
| Analyte | Initial RI |
| Lead (F) | <4.470 |

| 937GW32R | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 2.1 | <1.0 |
| Lead (F) | <1.0 | <1.0 |

| 937GW43 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 1.3 | <1.0 |
| Lead (F) | <1.0 | <1.0 |

| 937GW40 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | 1.6 | <1.0 |
| Lead (F) | <1.0 | 2.0 |

| 937UVB01M3 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Lead | <1.0 |
| Lead (F) | <1.0 |

| 937GW31 | | | |
|----------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | NA | 1.8 | <5.0 |
| Lead (F) | <4.470 | <1.0 | <5.0 |

| 937GW41 | | |
|----------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Lead | <1.0 | <1.0 |
| Lead (F) | <1.0 | <1.0 |

| 937GW29 | | | |
|----------|------------|--------------|---|
| Analyte | Initial RI | Jan 1995 Qtr | J |
| Lead | NA | <1.0 | < |
| Lead (F) | <4.470 | <1.0 | < |

| Analyte | |
|----------|---|
| Lead | < |
| Lead (F) | < |

| 979GW08 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1998 Qtr |
| Lead | NA | 1.65 f | <1.0 |
| Lead (F) | 1.520 | 1.71 | <1.0 |

San Francisco Bay

- EXPLANATION**
- MONTGOMERY WATSON MONITORING WELL
 - DEEP MONITORING WELL
 - MONTGOMERY WATSON MONITORING WELL
 - DEEP MONITORING WELL SOIL SAMPLES
 - APPROXIMATE LOCATION REMOVED DURING IRA
 - APPROXIMATE LOCATION FORMER USTs
 - STAINED AREAS

- NOTES:**
1. ALL CONCENTRATIONS REPO
 2. DATA FOOTNOTE AND LITHOI ARE INCLUDED AT THE END OF SECTION.
 3. (F) INDICATES FILTERED SAMI
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATION BY MONTGOMERY WATSON.

Building 900s Series Study Area Boundary

| 7GW29 | |
|--------------|--------------|
| Jan 1995 Qtr | Jan 1998 Qtr |
| <1.0 | <1.0 |
| <1.0 | <1.0 |

| 937GW38 | | | |
|----------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1998 Qtr |
| Lead | <5 | <1.0 | <1.0 |
| Lead (F) | <5 | <1.0 | <1.0 |

Target Range*

DAMES & MO








BUILDING 900S SERIES STU
CONCENTRATIONS OF LI
INTERMEDIATE & DEEP GROL

PSF26272

Date: January 1997

Figure

EXPLANATION

-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

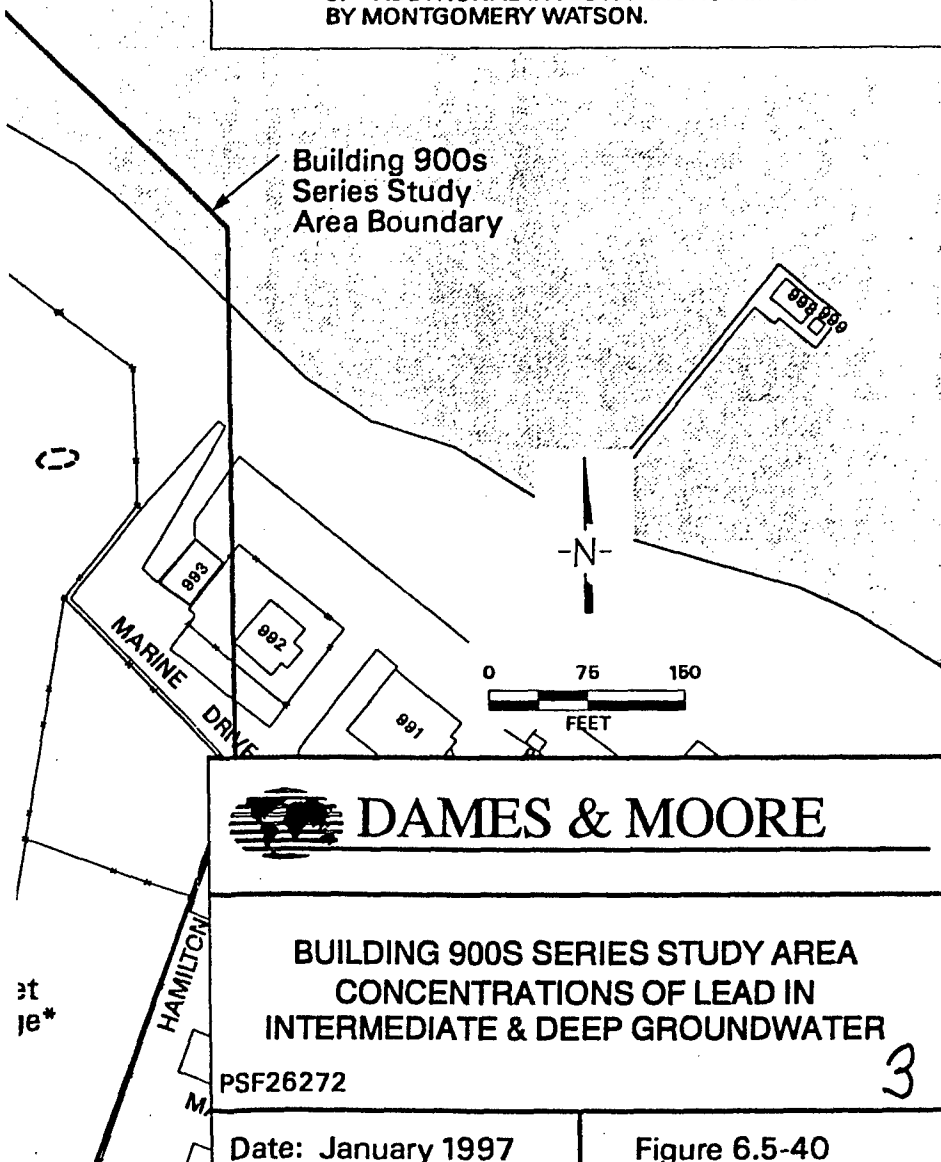
NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.



| 979GW05 | | | |
|---------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Manganese | NA | 2610 | 2300 |
| Manganese (F) | 2190.000 | 1350 | 2200 |

| 979GW10 | |
|---------------|--------------|
| Analyte | Jan 1996 Qtr |
| Manganese | 880 |
| Manganese (F) | 900 |

| 937GW39 | | | |
|---------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 430 | 330 | 216 |
| Manganese (F) | 400 | 270 | 215 |

| 979GW08 | |
|---------------|--------------|
| Analyte | Jan 1996 Qtr |
| Manganese | 270 |
| Manganese (F) | 270 |

| 937GW42 | | |
|---------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 1100 | 664 |
| Manganese (F) | 1100 | 652 |

| 937GW32 | |
|---------------|------------|
| Analyte | Initial RI |
| Manganese (F) | 192.385 |

| 937GW32R | | |
|---------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 260 | 210 |
| Manganese (F) | 260 | 210 |

| 937GW43 | | |
|---------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 110 | 113 |
| Manganese (F) | 120 | 111 |

| 937GW40 | | |
|---------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 210 | 173 |
| Manganese (F) | 220 | 180 |

| 937UVB01M3 | |
|---------------|--------------|
| Analyte | Jan 1996 Qtr |
| Manganese | 40.7 |
| Manganese (F) | 33.2 |

| 937GW31 | | | |
|---------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | NA | 180 | 375 |
| Manganese (F) | 300.000 | 220 | 375 |

| 937GW41 | | |
|---------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Manganese | 83 | 70.1 |
| Manganese (F) | 86 | 68.2 |








| 937GW29 | | |
|---------------|------------|------------|
| Analyte | Initial RI | Jan 1995 Q |
| Manganese | NA | 260 |
| Manganese (F) | 221.000 | 240 |

| Analyte |
|---------------|
| Manganese |
| Manganese (F) |

| 979GW08 | | | |
|---------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Manganese | 308.000 | 412 a | 390 |
| Manganese (F) | 288.000 | 278 | 380 |

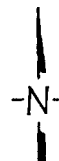
San Francisco Bay

Shoreline

- EXPLANATION**
-  MONTGOMERY WATSON INTERIM MONITORING WELL
 -  DEEP MONITORING WELL
 -  MONTGOMERY WATSON DEEP MONITORING WELL
 -  DEEP MONITORING WELL WITH SOIL SAMPLES
 -  APPROXIMATE LOCATIONS OF US REMOVED DURING IRA
 -  APPROXIMATE LOCATIONS OF FORMER USTs
 -  STAINED AREAS

- NOTES:**
1. ALL CONCENTRATIONS REPORTED A
 2. DATA FOOTNOTE AND LITHOLOGY K ARE INCLUDED AT THE END OF THIS FI SECTION.
 3. (F) INDICATES FILTERED SAMPLE.
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATIONS PER BY MONTGOMERY WATSON.

Building 900s Series Study Area Boundary



0 75 150
FEET

| W29 | |
|--------------|--------------|
| Jan 1995 Qtr | Jan 1996 Qtr |
| 280 | 31.0 |
| 240 | 42.8 |

| 937GW38 | | | |
|---------------|-----------|--------------|--------------|
| analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| langanese | 110 | 83 | 72.7 |
| langanese (F) | 52 | 84 | 60.0 |

Target Range*



DAMES & MOOR

**BUILDING 900S SERIES STUDY A
CONCENTRATIONS OF MANGANE
INTERMEDIATE & DEEP GROUNDW**

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
Date: January 1997

Figure 6.5-

998 Qtr

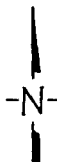
lay

EXPLANATION

-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. (F) INDICATES FILTERED SAMPLE.
4. NA = NOT ANALYZED
5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary



0 75 150
FEET



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF MANGANESE IN
INTERMEDIATE & DEEP GROUNDWATER**

PFS26532

3

Date: January 1997

Figure 6.5-42

| 979GW05 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Nickel | NA | 26.0 | 29 |
| Nickel (F) | 24.700 d | 18.0 | 17 |

| 979GW10 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Nickel | 12 J21 |
| Nickel (F) | < 5.0 |

| 937GW39 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | 12 | 8.7 | 10.5 |
| Nickel (F) | NA | 5.8 | 8.1 |

| 979GW08 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Nickel | 7.6 |
| Nickel (F) | < 5.0 |

| 937GW42 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | 5.8 | 11.1 |
| Nickel (F) | < 5.0 | 10.5 |

| 937GW32 | |
|------------|------------|
| Analyte | Initial RI |
| Nickel (F) | < 32.100 |

| 937GW32R | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | < 5.0 | < 5.0 |
| Nickel (F) | < 5.0 | < 5.0 |

| 937GW43 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | < 5.0 | < 5.0 |
| Nickel (F) | < 5.0 | 6.1 |

| 937GW40 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | < 5.0 | < 5.0 |
| Nickel (F) | < 5.0 | 18.6 |

| 937UVB01M3 | |
|------------|--------------|
| Analyte | Jan 1996 Qtr |
| Nickel | 6.8 |
| Nickel (F) | 6.4 |

| 937GW31 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | NA | 15 | 9.6 |
| Nickel (F) | < 32.100 | < 5.0 | 5.8 |

| 937GW41 | | |
|------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | < 5.0 | < 5.0 |
| Nickel (F) | < 5.0 | < 5.0 |

| 937GW29 | | | |
|------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | NA | < 5.0 | < 5.0 |
| Nickel (F) | < 32.100 | < 5.0 | < 5.0 |

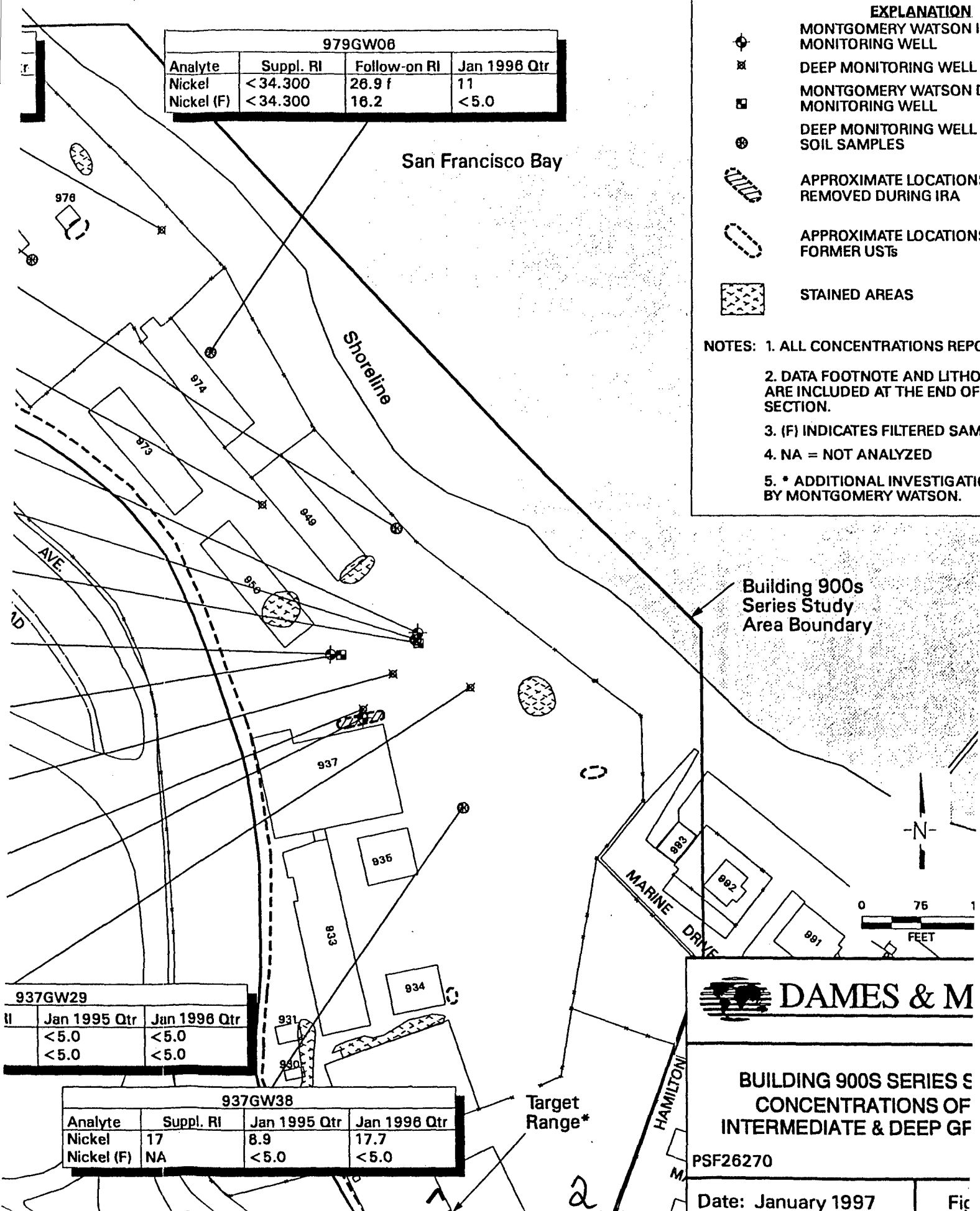
| Analyte | Suppl. RI |
|------------|-----------|
| Nickel | 17 |
| Nickel (F) | NA |

| 979GW06 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Nickel | < 34.300 | 28.9 f | 11 |
| Nickel (F) | < 34.300 | 16.2 | < 5.0 |

San Francisco Bay

- EXPLANATION**
- MONTGOMERY WATSON MONITORING WELL
 - DEEP MONITORING WELL
 - MONTGOMERY WATSON DI MONITORING WELL
 - DEEP MONITORING WELL V SOIL SAMPLES
 - APPROXIMATE LOCATIONS REMOVED DURING IRA
 - APPROXIMATE LOCATIONS FORMER USTs
 - STAINED AREAS

- NOTES:**
1. ALL CONCENTRATIONS REPO
 2. DATA FOOTNOTE AND LITHOI ARE INCLUDED AT THE END OF SECTION.
 3. (F) INDICATES FILTERED SAM
 4. NA = NOT ANALYZED
 5. * ADDITIONAL INVESTIGATC BY MONTGOMERY WATSON.



| 937GW29 | | |
|---------|--------------|--------------|
| II | Jan 1995 Qtr | Jan 1996 Qtr |
| | < 5.0 | < 5.0 |
| | < 5.0 | < 5.0 |

| 937GW38 | | | |
|------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Nickel | 17 | 8.9 | 17.7 |
| Nickel (F) | NA | < 5.0 | < 5.0 |

DAMES & MOORE

**BUILDING 900S SERIES S
CONCENTRATIONS OF
INTERMEDIATE & DEEP GF**

PSF26270

Date: January 1997

Fig

str

3ay

EXPLANATION

⊕ MONTGOMERY WATSON INTERMEDIATE MONITORING WELL

⊗ DEEP MONITORING WELL

⊕ MONTGOMERY WATSON DEEP MONITORING WELL

⊕ DEEP MONITORING WELL WITH SOIL SAMPLES

○ APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA

○ APPROXIMATE LOCATIONS OF FORMER USTs

▨ STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

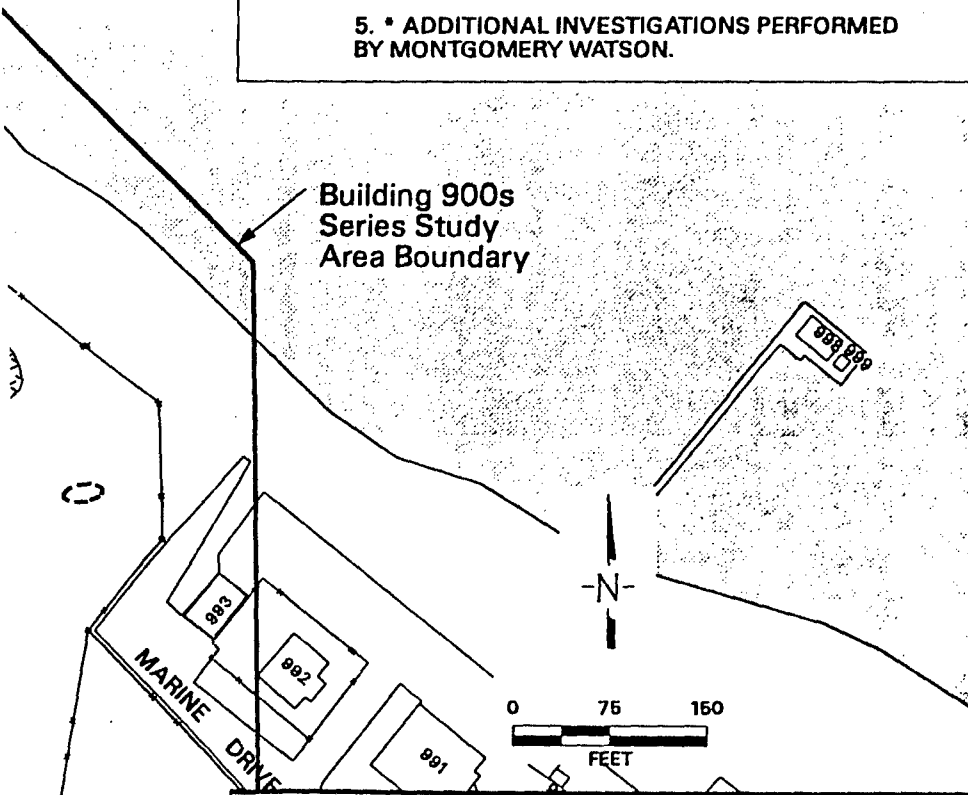
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. (F) INDICATES FILTERED SAMPLE.

4. NA = NOT ANALYZED

5. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

Building 900s Series Study Area Boundary



DAMES & MOORE

BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF NICKEL IN
INTERMEDIATE & DEEP GROUNDWATER

PSF26270

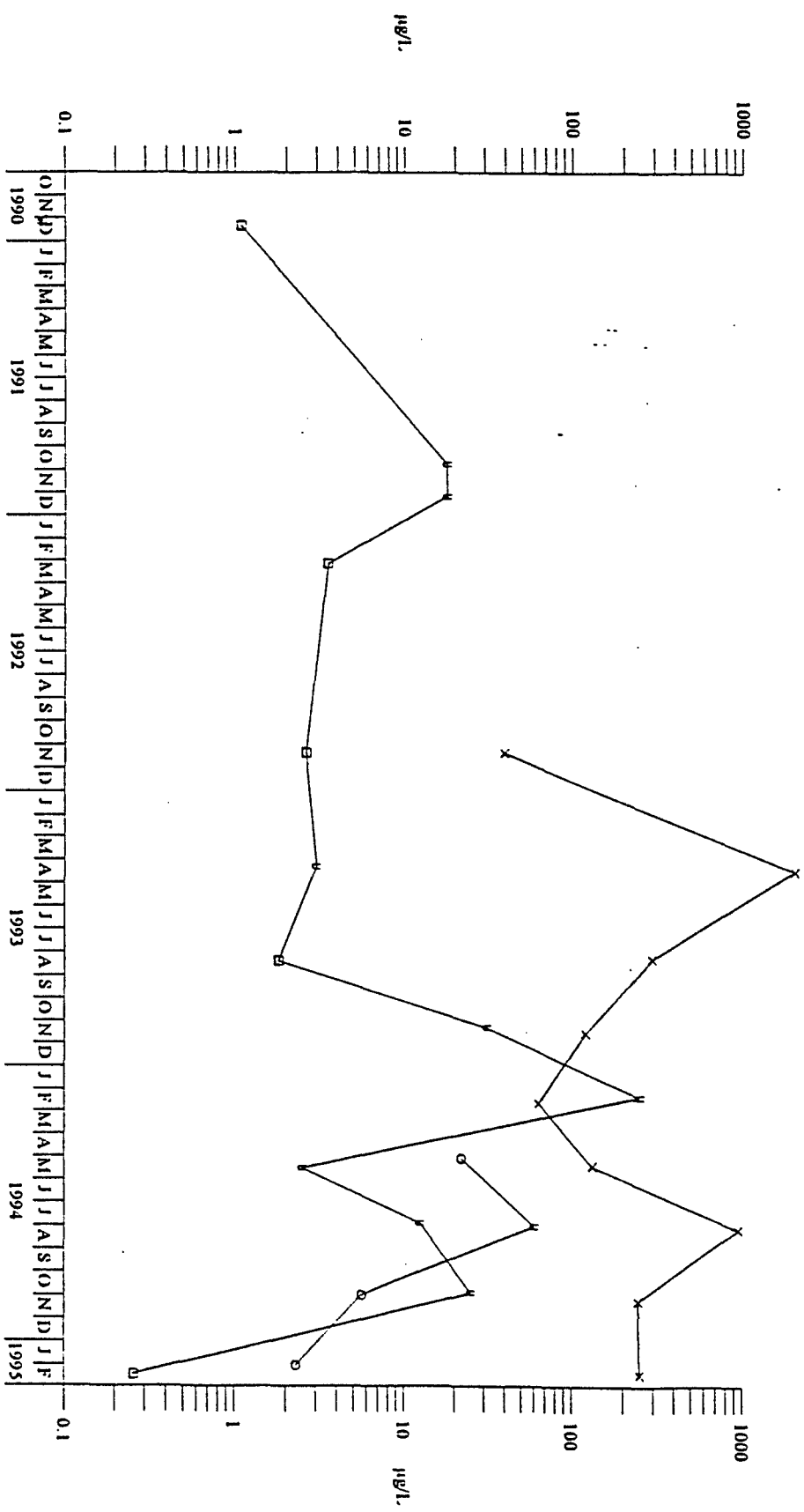
3


Date: January 1997

Figure 6.5-44

- x - Well 937GW36 (Shallow)
- o - Well 937GW41 (Intermediate)
- - Well 937GW31 (Deep)
- u - UNDETECTED

EXPLANATION





DAMES & MOORE

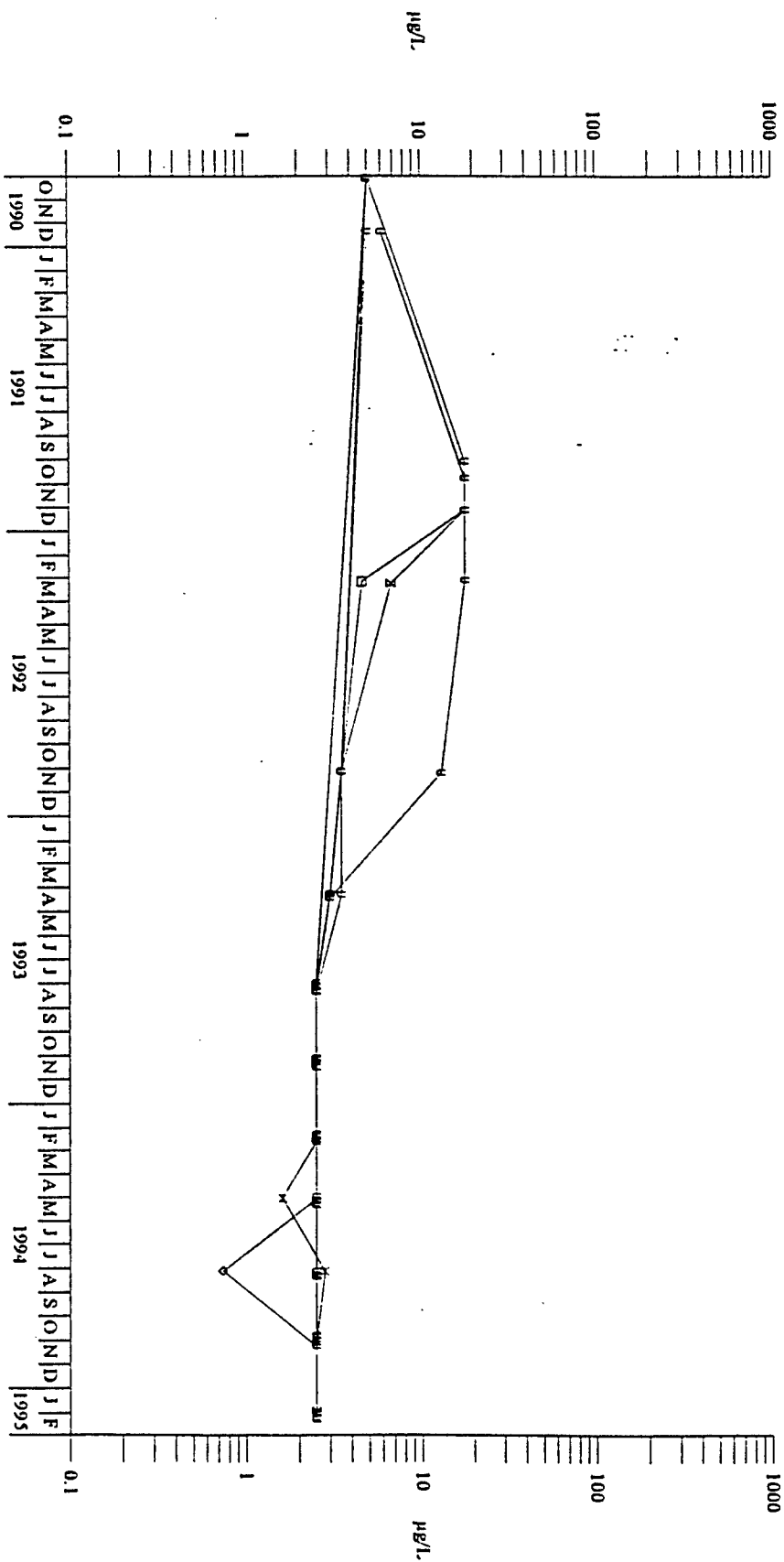
BUILDING 900s SERIES STUDY AREA
SUM OF CONCENTRATIONS OF BTEX SPECIES
WELL CLUSTER: 937GW31, 937GW36, 937GW41

PRESIDIO REMEDIAL INVESTIGATION

ps-c31-b.cgf

Date: January 1997

Figure: 6.5-48



EXPLANATION

- x - Well 937GW07(Shallow)
- o - Well 937GW08(Shallow)
- - Well 937GW10(Shallow)
- ◇ - Well 937GW15(Shallow)
- + - Well 937GW16(Shallow)
- x - Well 937GW17(Shallow)
- x - Well 937GW23(Shallow)
- x - Well 937GW24(Shallow)
- ⊗ - Well 937GW35(Shallow)
- ⊗ - Well 937GW39(Deep)
- u - UNDETECTED



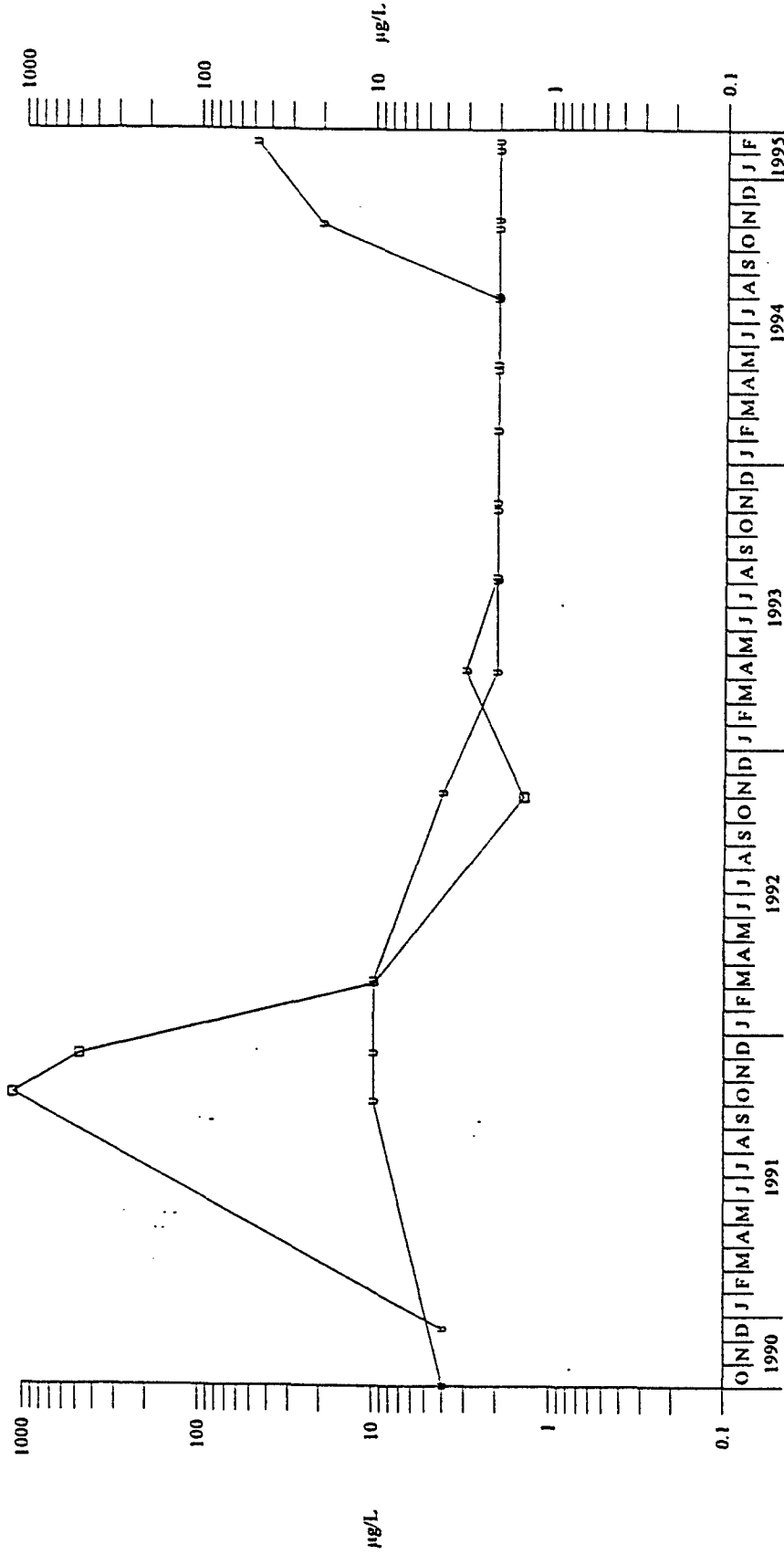
DAMES & MOORE

PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997

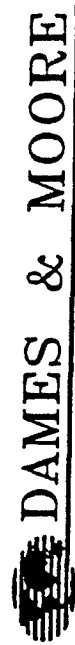
Figure: 6.5-49

BUILDING 900s SERIES STUDY AREA
 SUM OF CONCENTRATIONS OF BTEX SPECIES
 COASTAL WELLS: 937GW07, 937GW08, 937GW10,
 937GW15, 937GW16, 937GW17, 937GW23, 937GW24,
 937GW35, 937GW39
 PS-COS-b-cgl



EXPLANATION

- x - Well 937GW06(Shallow)
- o - Well 937GW42(Intermediate)
- - Well 937GW32/32R(Deep)
- u - UNDETECTED



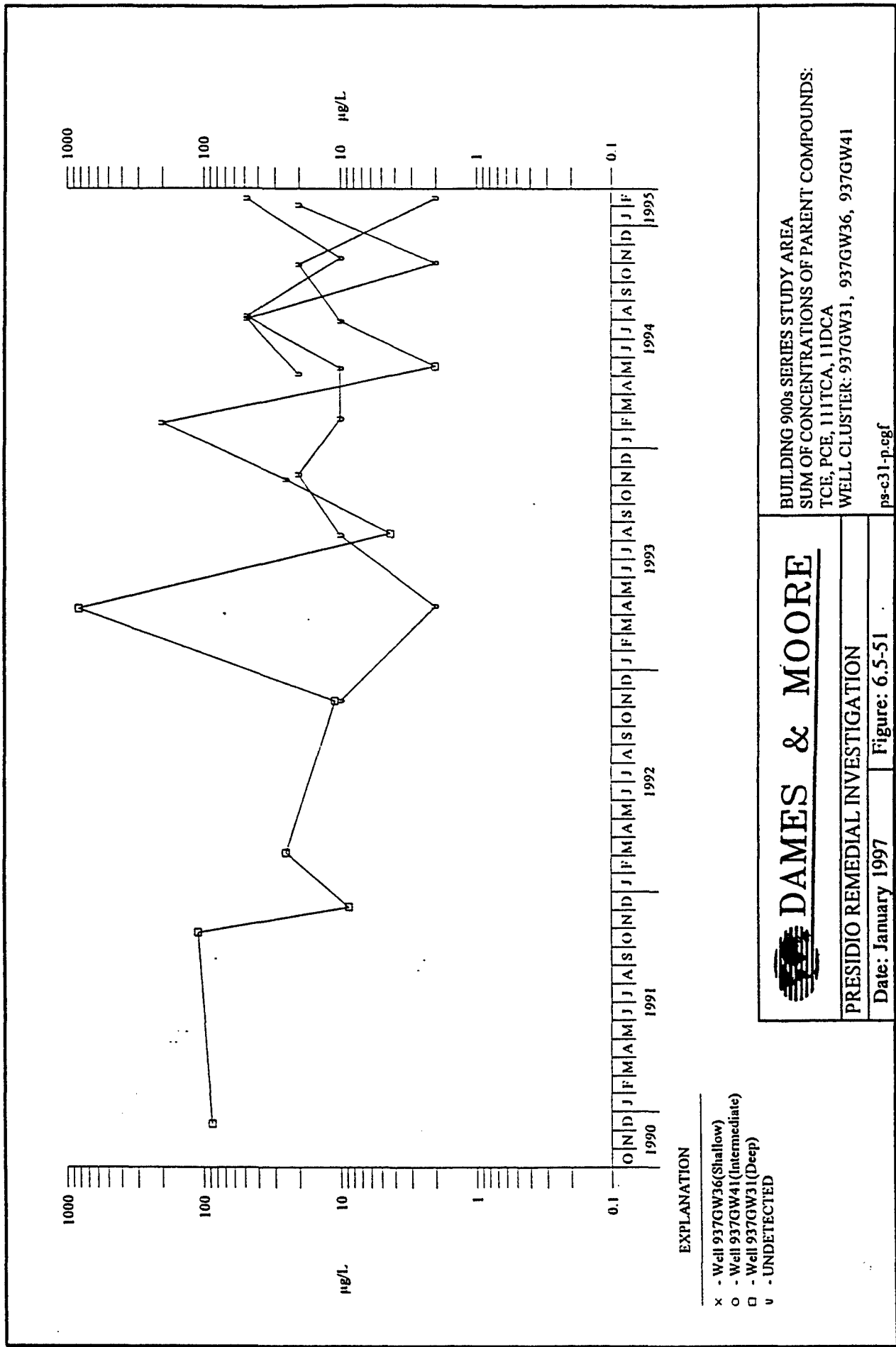
PRESIDIO REMEDIAL INVESTIGATION

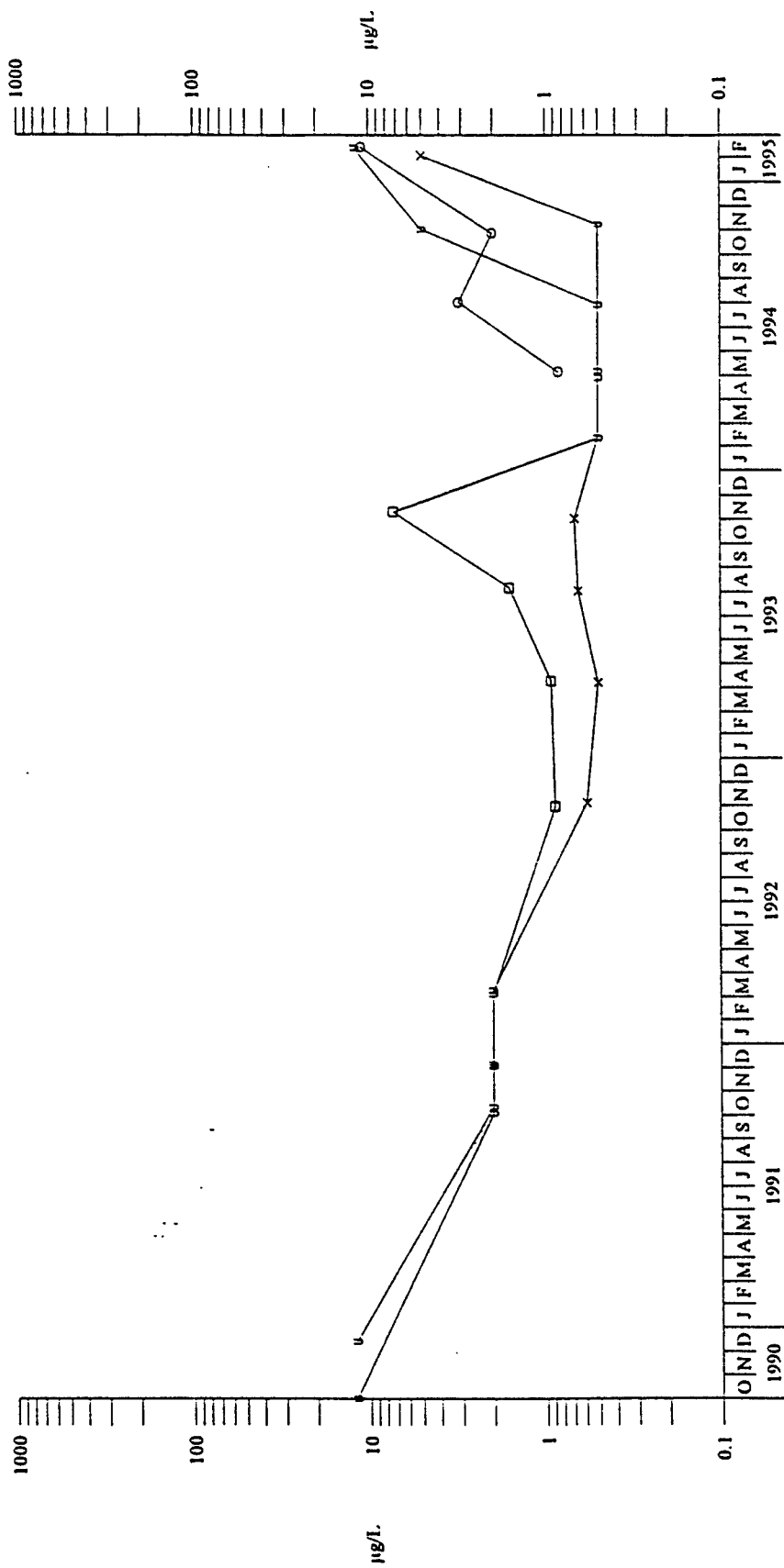
Date: January 1997

Figure: 6.5-50

BUILDING 900s SERIES STUDY AREA
 SUM OF CONCENTRATIONS OF PARENT COMPOUNDS:
 TCE, PCE, 1,1,1-TCA, 1,1-DCA
 WELL CLUSTER: 937GW06, 937GW32/32R, 937GW42

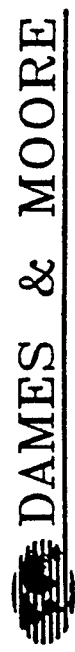
ps-c06-p.cgf





EXPLANATION

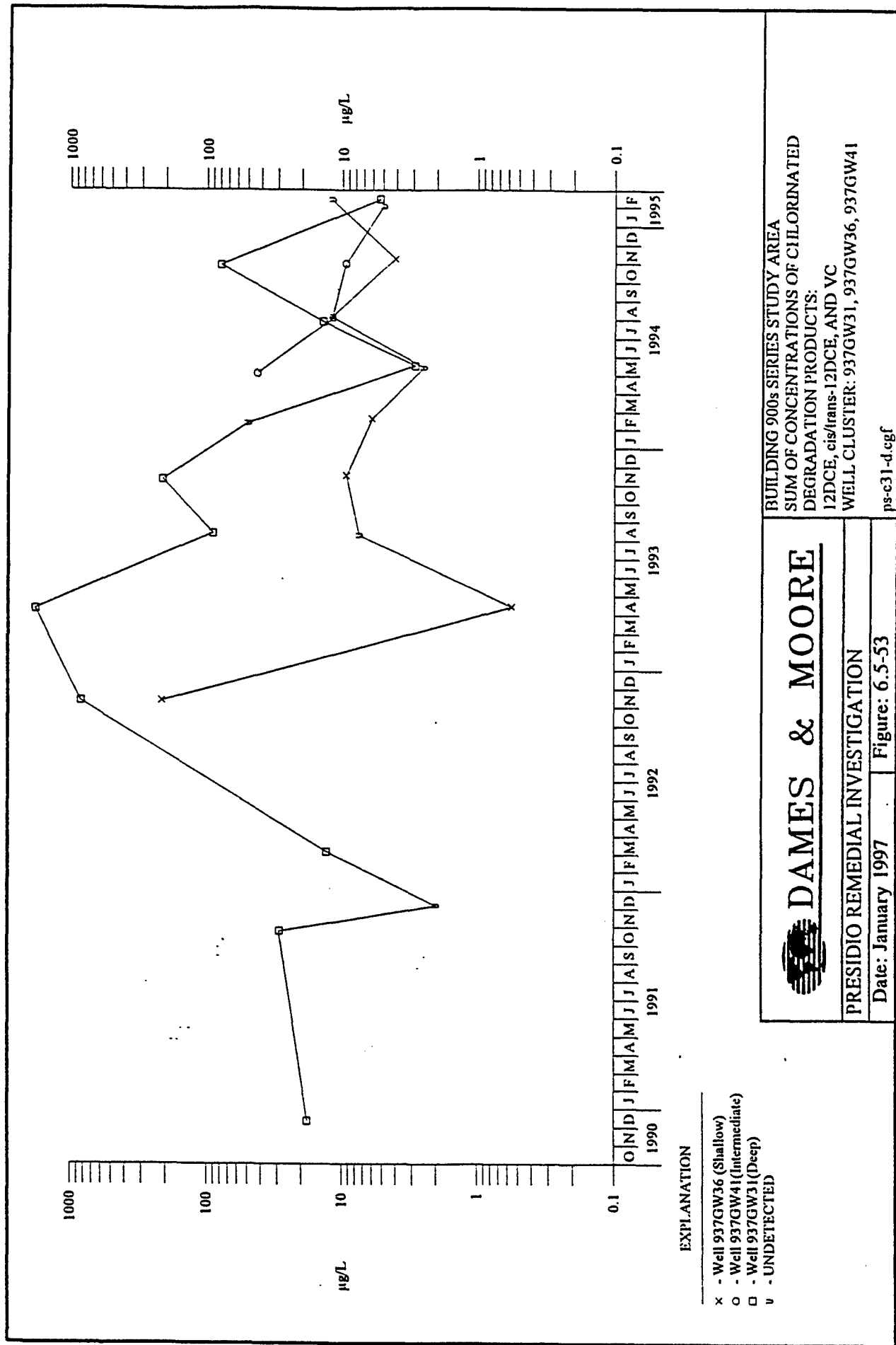
- x - Well 937GW06 (Shallow)
- o - Well 937GW42 (Intermediate)
- - Well 937GW32/32R (Deep)
- u - UNDETECTED

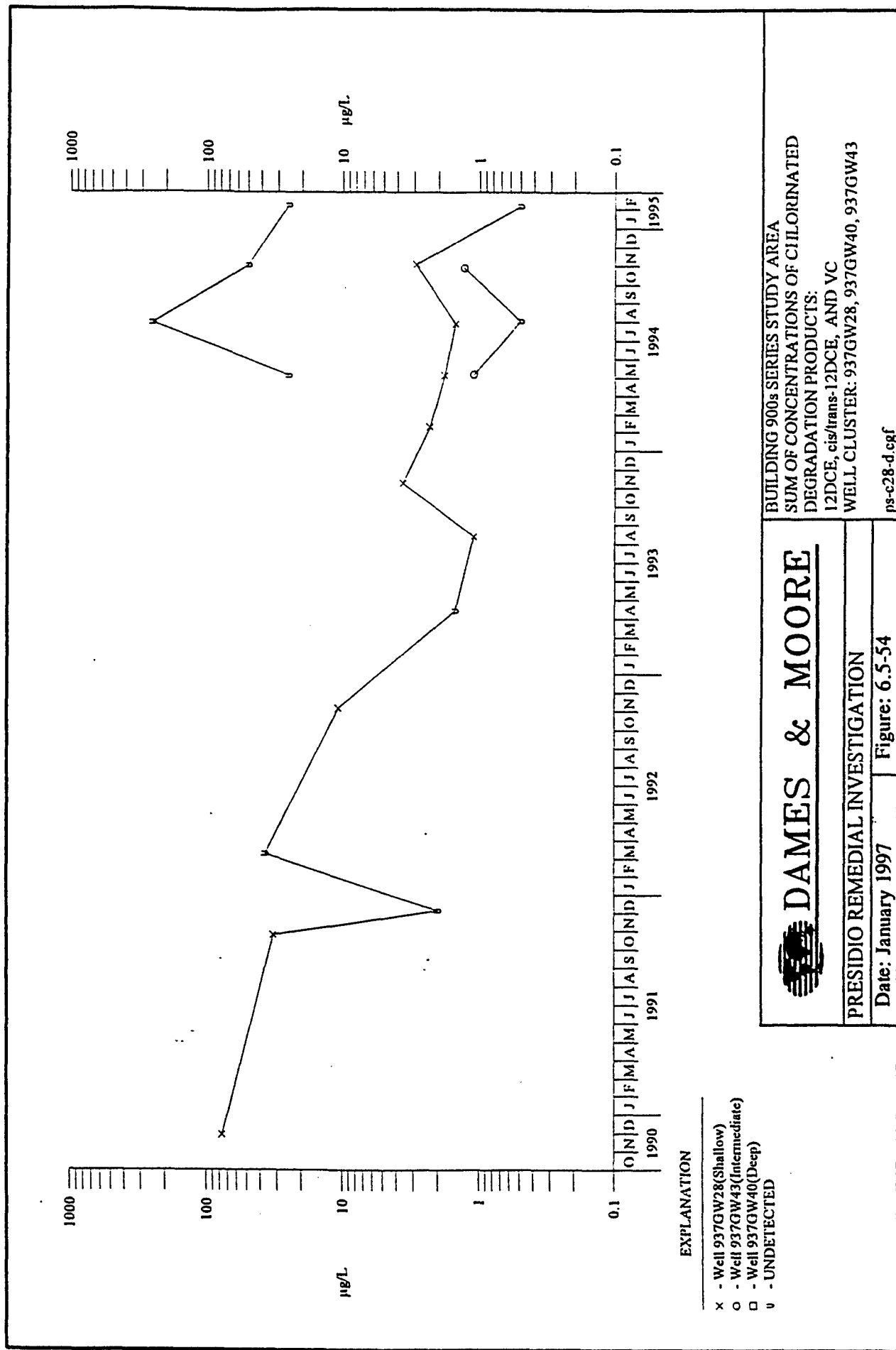


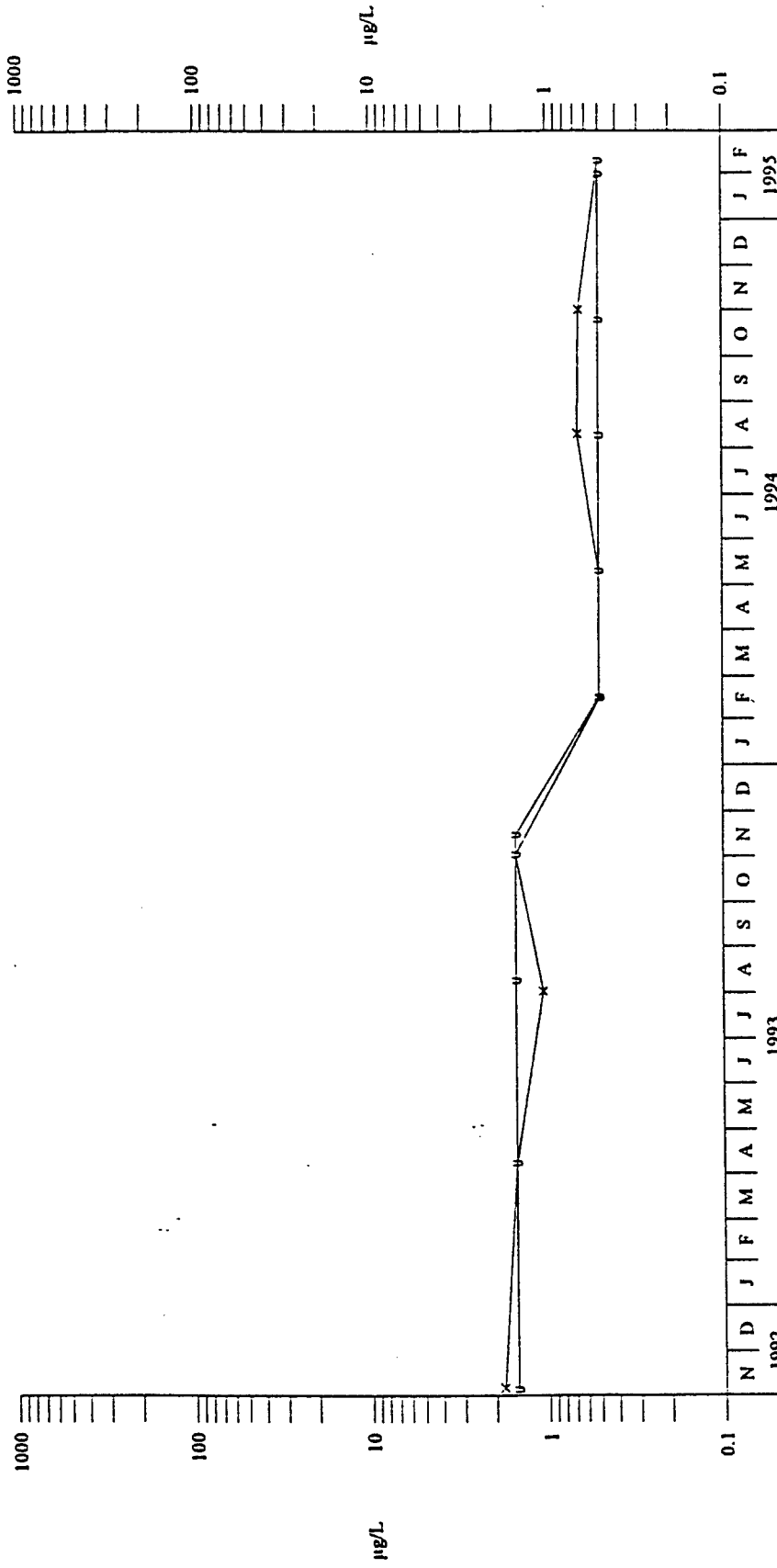
PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997 Figure: 6.5-52

BUILDING 900s SERIES STUDY AREA
 SUM OF CONCENTRATIONS OF CHLORINATED
 DEGRADATION PRODUCTS:
 12DCE, cis/trans-12DCE, AND VC
 WELL CLUSTER: 937GW06, 937GW32/32R, 937GW42
 ps-c06-d.cgf

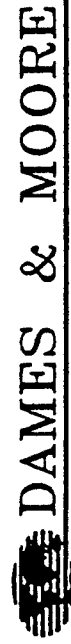






EXPLANATION

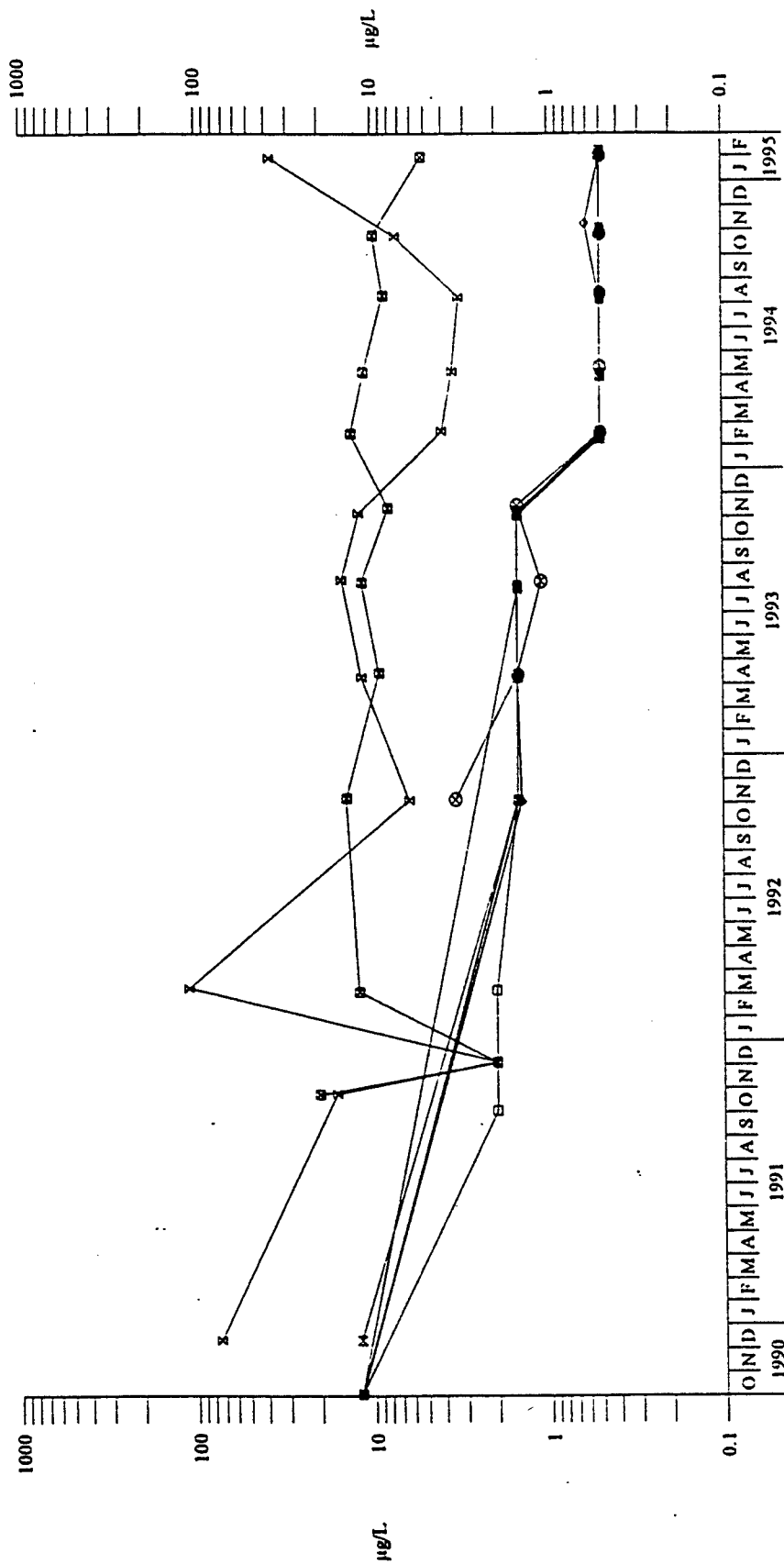
- x - Well 937GW12(Shallow)
- o - Well 937GW38(Deep)
- u - UNDETECTED



PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997 Figure: 6.5-55

BUILDING 900s SERIES STUDY AREA
SUM OF CONCENTRATIONS OF CHLORINATED
DEGRADATION PRODUCTS:
12DCE, cis/trans-12DCE, AND VC
WELL CLUSTER: 937GW12, 937GW38
ps-c12-d.egf



EXPLANATION

- x - Well 937GW07(Shallow)
- o - Well 937GW08(Shallow)
- - Well 937GW10(Shallow)
- ◇ - Well 937GW15(Shallow)
- +
- Well 937GW16(Shallow)
- x - Well 937GW17(Shallow)
- x - Well 937GW23(Shallow)
- x - Well 937GW24(Shallow)
- x - Well 937GW35(Shallow)
- ⊗ - Well 937GW39(Dep)
- u - UNDETECTED

DAMES & MOORE

PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997

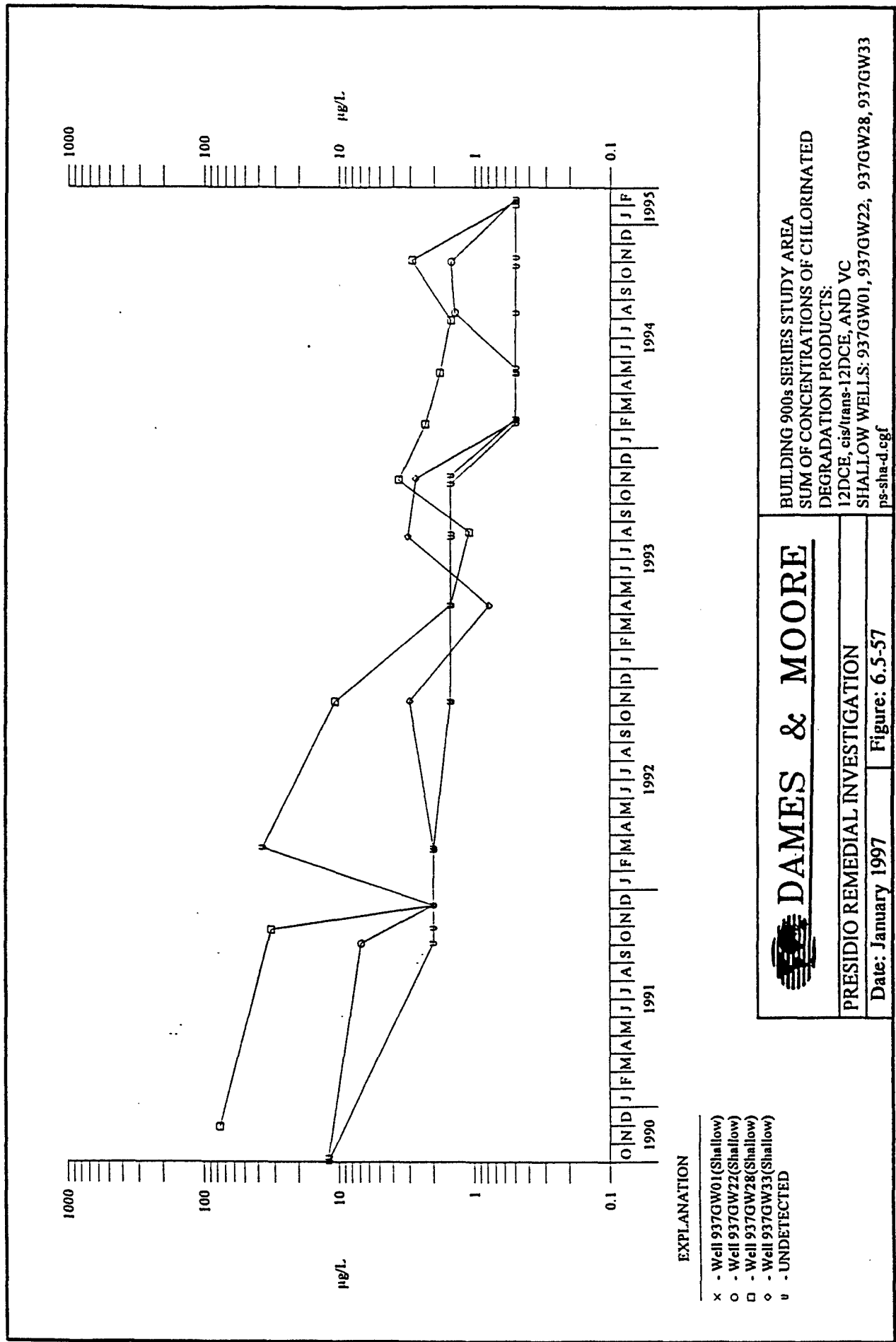
Figure: 6.5-56

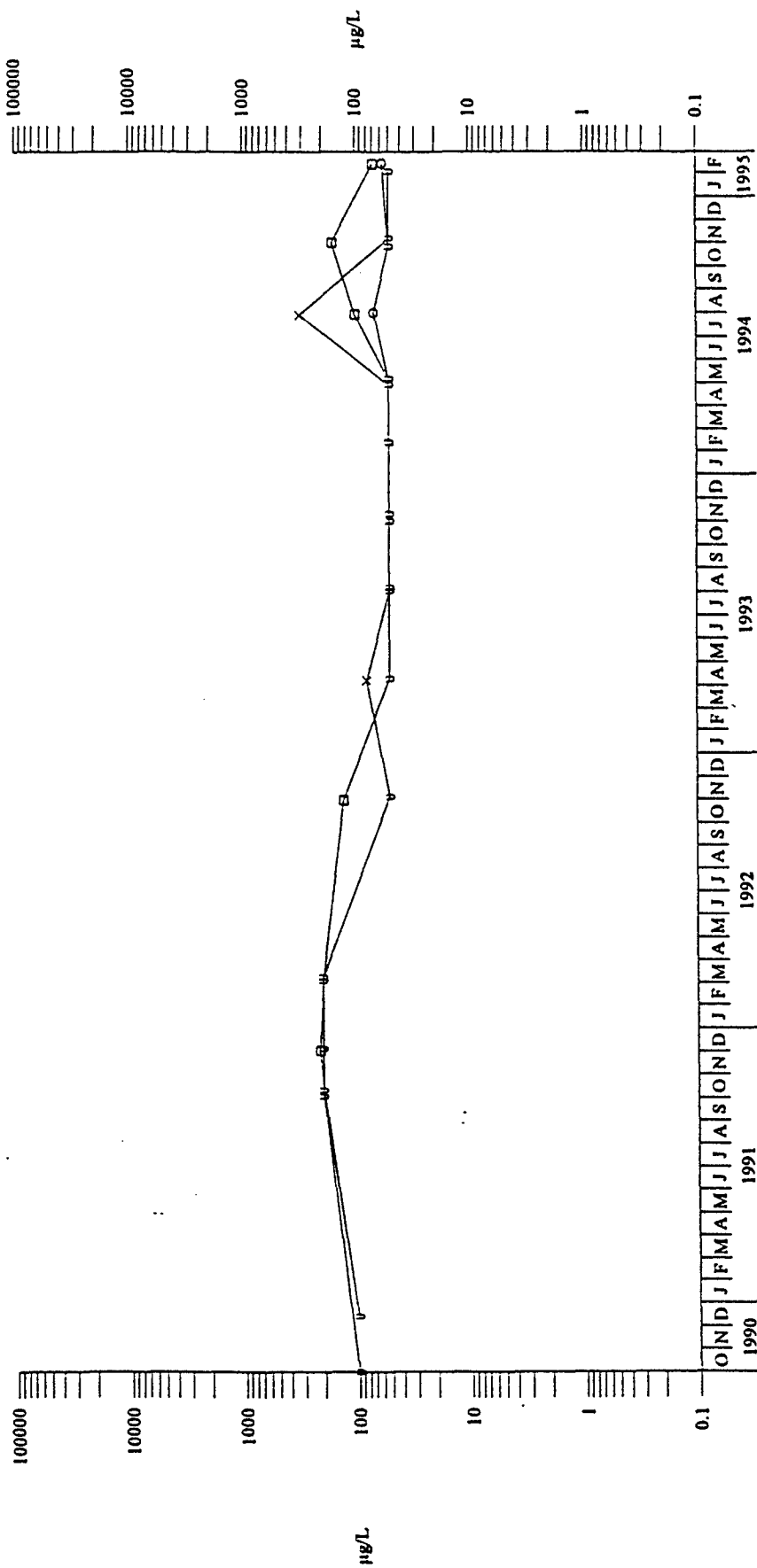
BUILDING 900s SERIES STUDY AREA
SUM OF CONCENTRATIONS OF CHLORINATED
DEGRADATION PRODUCTS:

12DCE, cis/trans-12DCE, AND VC

COASTAL WELLS: 937GW07, 937GW08, 937GW10, 937GW15,
937GW16, 937GW17, 937GW23, 937GW24, 937GW35, 937GW39

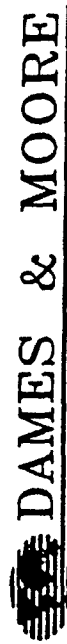
ps-cos-d.cgf





EXPLANATION

- x - Well 937GW06 (Shallow)
- o - Well 937GW42 (Intermediate)
- - Well 937GW32R (Deep)
- u - UNDETECTED

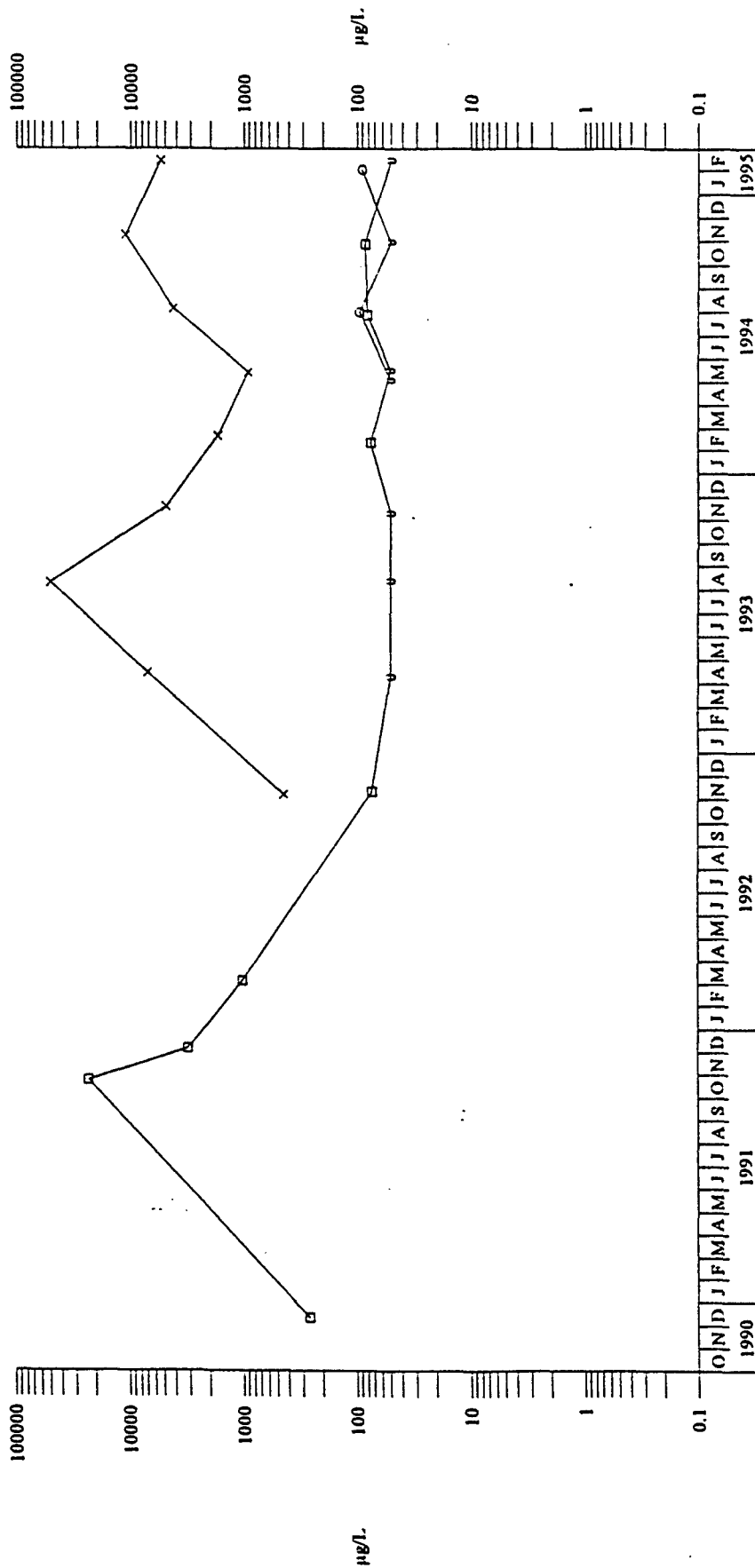


PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997 Figure: 6.5-58

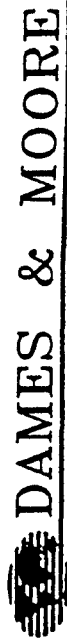
BUILDING 900s SERIES STUDY AREA
CONCENTRATIONS OF TOTAL PETROLEUM HYDROCARBONS
WELL CLUSTER: 937GW06, 937GW32R, 937GW42

ps-co6-t.cgf



EXPLANATION

- x - Well 937GW36 (Shallow)
- o - Well 937GW41 (Intermediate)
- - Well 937GW31 (Deep)
- v - UNDETECTED



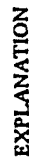
PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997

Figure: 6.5-59

BUILDING 900s SERIES STUDY AREA
CONCENTRATIONS OF TOTAL PETROLEUM HYDROCARBONS
WELL CLUSTER: 937GW31, 937GW36, 937GW41

ps-e31-t.cgf



- × - Well 937GW28(Shallow)
- - Well 937GW43(Intermediate)
- ◻ - Well 937GW40(Deep)
- ∪ - UNDETECTED

DAMES & MOORE

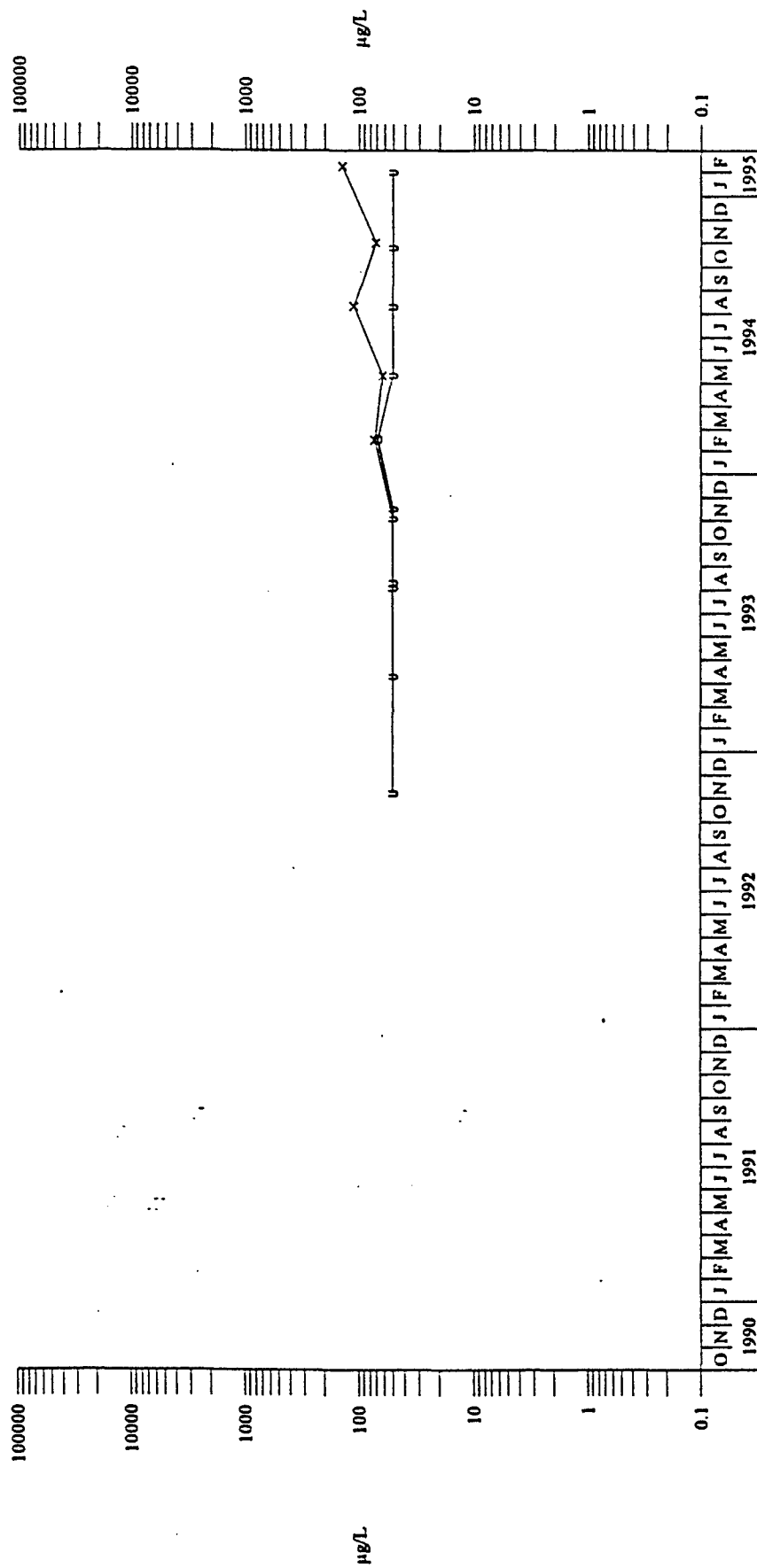
PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997

Figure: 6.5-60

BUILDING 900s SERIES STUDY AREA
CONCENTRATIONS OF TOTAL PETROLEUM HYDROCARBONS
WELL CLUSTER: 937GW28, 937GW40, 937GW43

ps-c28-t.cgf



EXPLANATION

- x - Well 937GW12(Shallow)
- o - Well 937GW38(Deep)
- u - UNDETECTED

DAMES & MOORE

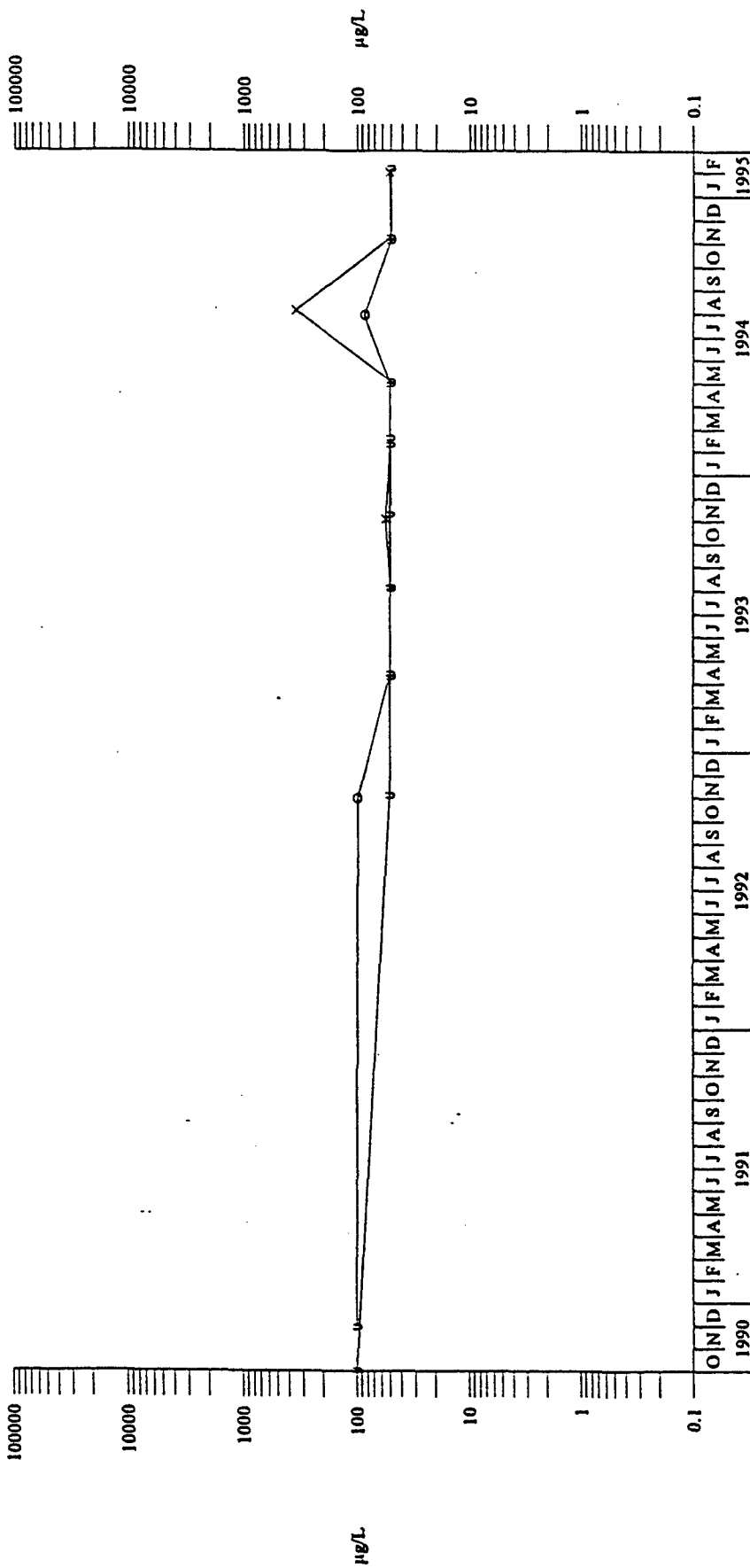
PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997

Figure: 6.5-61

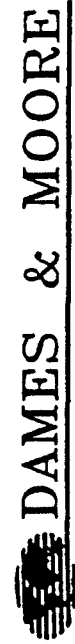
BUILDING 900s SERIES STUDY AREA
CONCENTRATIONS OF TOTAL PETROLEUM HYDROCARBONS
WELL CLUSTER: 937GW12, 937GW38

ps-cl2-t.egf



EXPLANATION

- x - Well 937GW15(Shallow)
- o - Well 937GW29(Deep)
- u - UNDETECTED

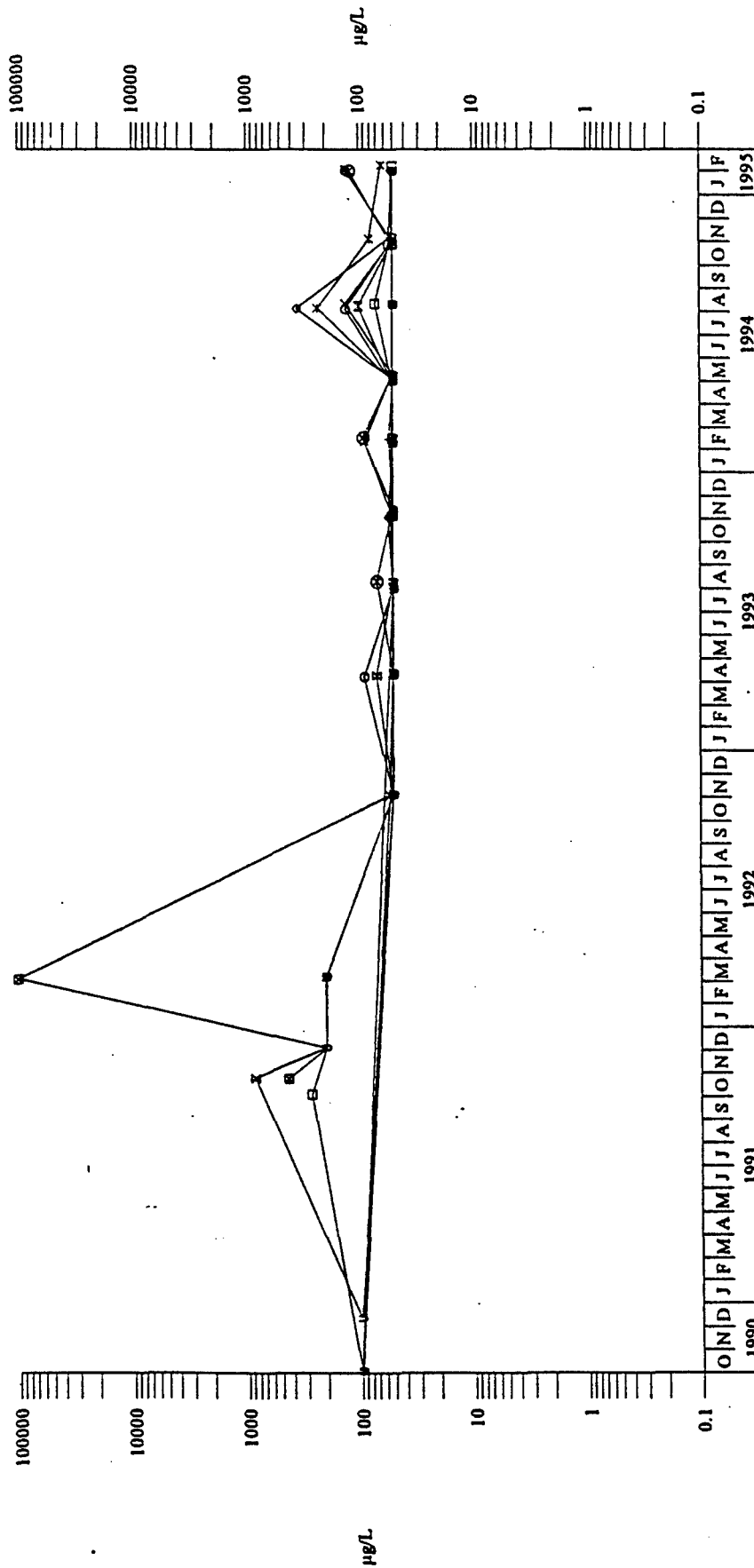


PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997 Figure: 6.5-62

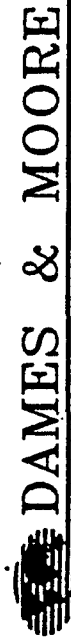
BUILDING 900s SERIES STUDY AREA
CONCENTRATIONS OF TOTAL PETROLEUM HYDROCARBONS
WELL CLUSTER: 937GW15, 937GW29

ps-c15-1.cgf



EXPLANATION

- x - Well 937GW07(Shallow)
- o - Well 937GW08(Shallow)
- - Well 937GW10(Shallow)
- ◇ - Well 937GW15(Shallow)
- + - Well 937GW16(Shallow)
- x - Well 937GW17(Shallow)
- x - Well 937GW23(Shallow)
- x - Well 937GW24(Shallow)
- ⊗ - Well 937GW35(Shallow)
- u - Well 937GW39(Deep)
- u - UNDETECTED

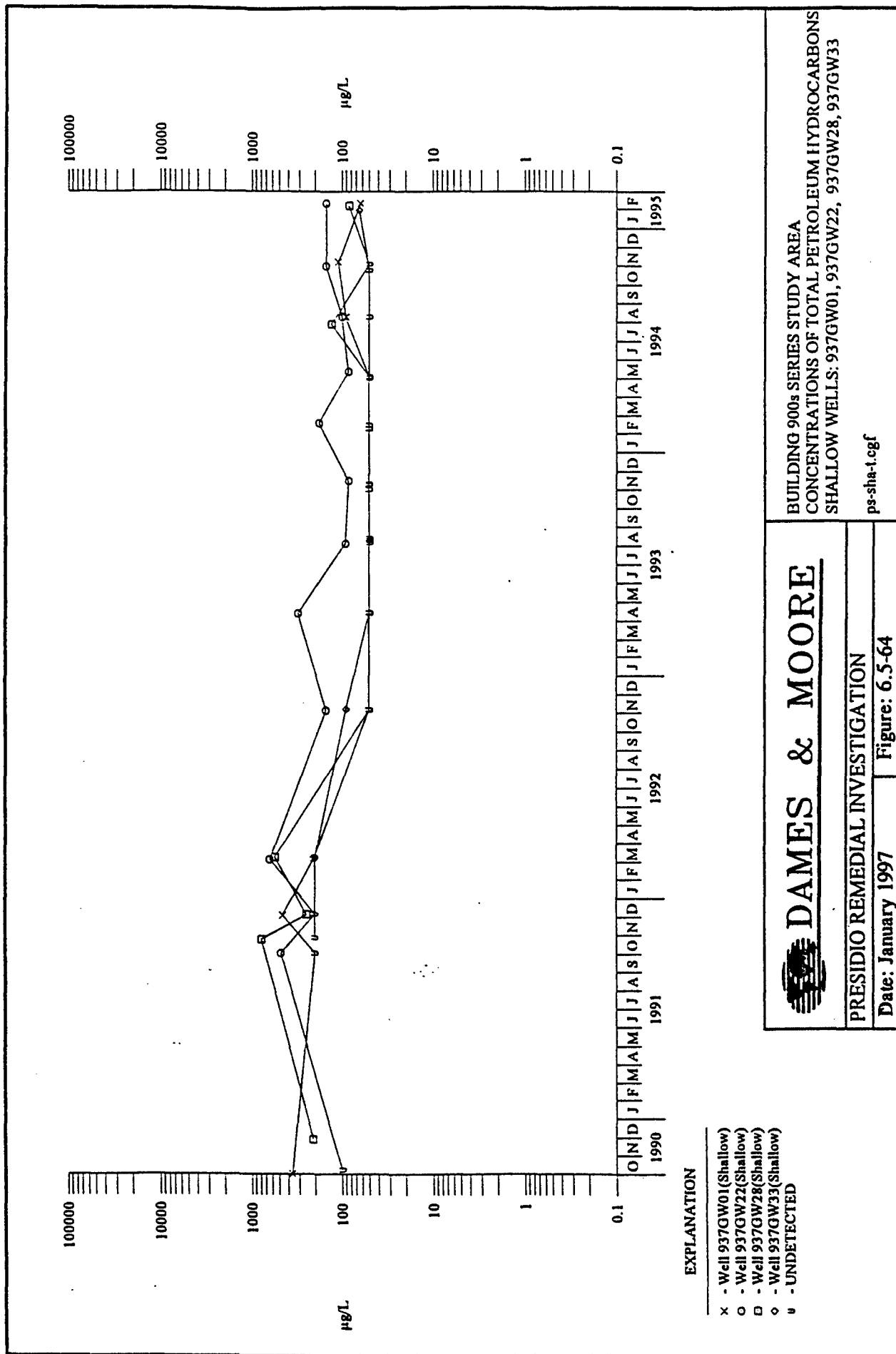


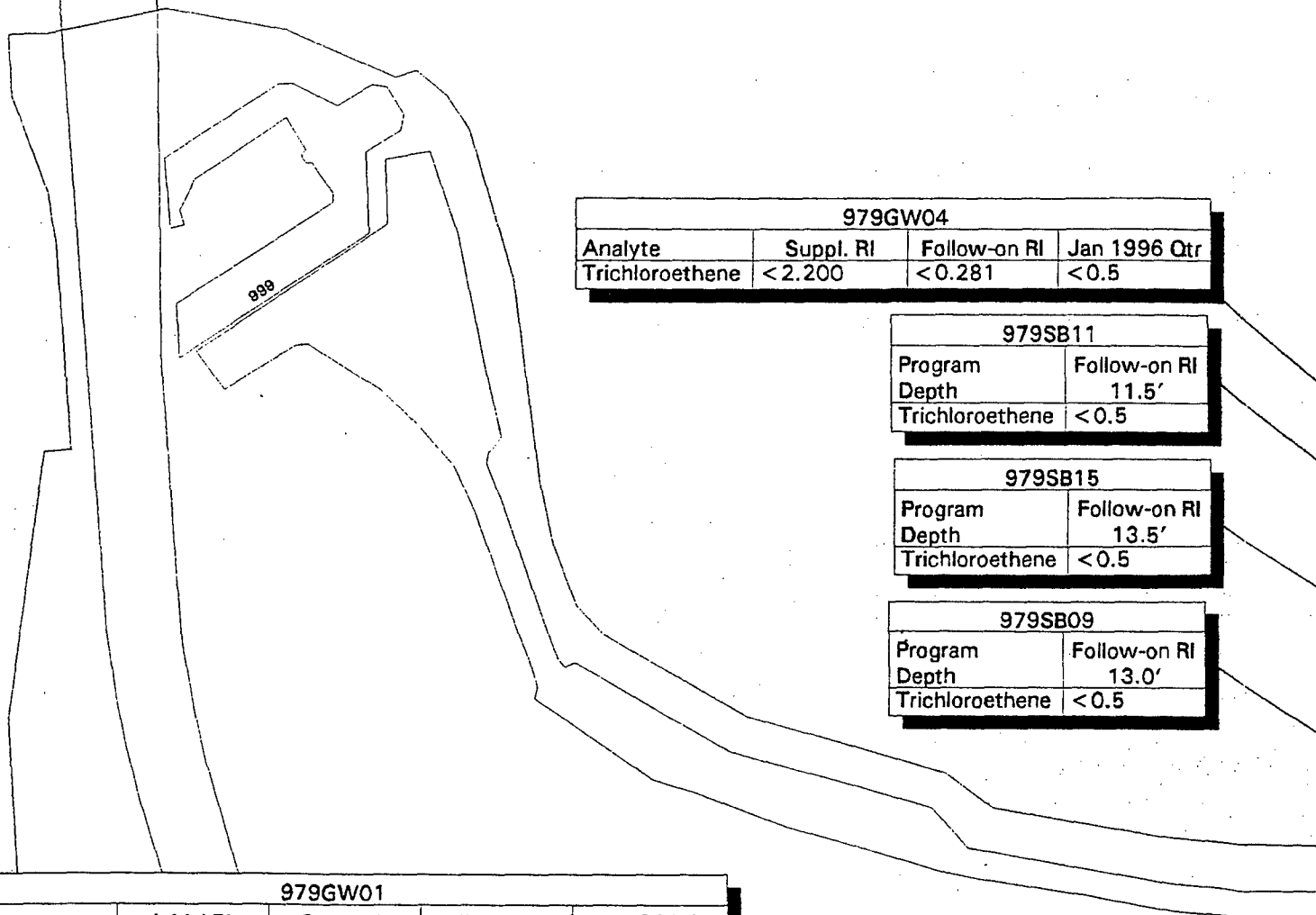
PRESIDIO REMEDIAL INVESTIGATION

Date: January 1997

Figure: 6.5-63

BUILDING 900s SERIES STUDY AREA
CONCENTRATIONS OF TOTAL PETROLEUM HYDROCARBONS
COASTAL WELLS: 937GW07, 937GW08, 937GW10,
937GW15, 937GW16, 937GW17, 937GW23, 937GW24,
937GW35, 937GW39
ps-cos-1.cgf





| 979GW04 | | | |
|-----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | < 2.200 | < 0.281 | < 0.5 |

| 979SB11 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 11.5' |
| Trichloroethene | < 0.5 |

| 979SB15 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 13.5' |
| Trichloroethene | < 0.5 |

| 979SB09 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 13.0' |
| Trichloroethene | < 0.5 |

| 979GW01 | | | | |
|-----------------|-------------|-----------|--------------|--------------|
| Analyte | Initial RI | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | > 150.000 a | 200.000 | 109 a | 67 |

| 979SB06 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 10.0' |
| Trichloroethene | < 0.5 |

| 979SB08 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 12.0' |
| Trichloroethene | 0.7 |

| 979SB07 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 13.0' |
| Trichloroethene | 10 |

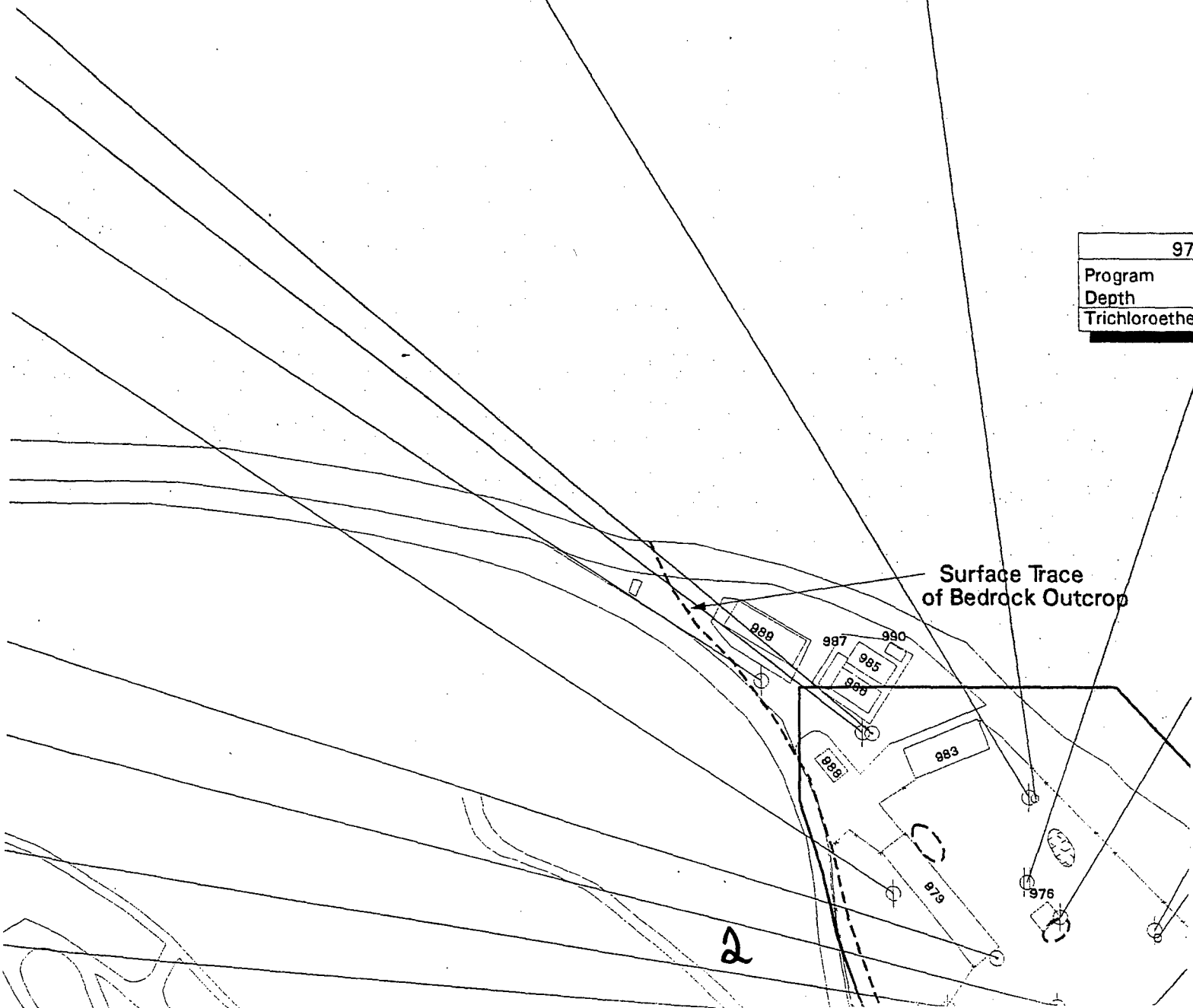
| 979GW03 | | | | |
|-----------------|------------|-----------|--------------|------------|
| Analyte | Initial RI | Suppl. RI | Follow-on RI | Jan 1996 C |
| Trichloroethene | 7.800 | < 2.200 | 21.3 | 7.1 |

| 979SB03 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 10.0' |
| Trichloroethene | 7.5 |

| |
|-----------------|
| 979 |
| Program |
| Depth |
| Trichloroethene |

Surface Trace
of Bedrock Outcrop

2



| | |
|----|--------------|
| II | Jan 1996 Qtr |
| | 7.1 |

| 979GW02 | | | | |
|-----------------|------------|-----------|--------------|--------------|
| Analyte | Initial RI | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | 15.000 | 17.000 | 10.1 | 14 |

| 979SB02 | |
|-----------------|--------------|
| Program Depth | Follow-on RI |
| Trichloroethene | 12.0' |
| | 15 |

| 979SB05 | |
|-----------------|--------------|
| Program Depth | Follow-on RI |
| Trichloroethene | 10.0' |
| | < 5 a |

| 979SB04 | |
|-----------------|--------------|
| Program Depth | Follow-on RI |
| Trichloroethene | 10.0' |
| | 1.5 |

| 979SB13 | |
|-----------------|--------------|
| Program Depth | Follow-on RI |
| Trichloroethene | 12.0' |
| | < 0.5 |

| 979SB12 | |
|-----------------|--------------|
| Program Depth | Follow-on RI |
| Trichloroethene | 11.0' |
| | 1.7 |

| Analyte | Suppl. |
|-----------------|--------|
| Trichloroethene | 5.400 |

| 937GW | |
|-----------------|----------|
| Analyte | Jan 1996 |
| Trichloroethene | 1.2 |

| 937GW | |
|-----------------|----------|
| Analyte | Jan 1996 |
| Trichloroethene | 2.3 |

| Analyte | Initial |
|-----------------|---------|
| Trichloroethene | < 1.000 |

| 937GW | |
|-----------------|----------|
| Analyte | Jan 1996 |
| Trichloroethene | < 0.50 |

| Analyte | Initial |
|-----------------|---------|
| Trichloroethene | < 1.000 |

| Analyte | Initial |
|-----------------|---------|
| Trichloroethene | < 1.000 |

| Analyte | Initial |
|-----------------|---------|
| Trichloroethene | < 1.000 |

San Francisco Bay

3

crop

| |
|------------|
| |
| n 1996 Qtr |

| |
|-----------------------|
| 79SB13 |
| Follow-on RI 12.0' |
| ene < 0.5 |

| |
|-----------------------|
| 79SB12 |
| Follow-on RI 11.0' |
| ene 1.7 |

| 979GW07 | | | |
|---------|-----------|--------------|--------------|
| | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| ne | 5.400 | 2.74 | 6.0 |

| | | |
|---------|--------------|--------------|
| 937GW35 | | |
| | Jan 1995 Qtr | Jan 1996 Qtr |
| ne | 1.2 | 1.9 |

| | | |
|----------|--------------|--------------|
| 937GW34R | | |
| | Jan 1995 Qtr | Jan 1996 Qtr |
| re | 2.3 | 20 |












| 937GW23 | | | |
|---------|------------|--------------|--------------|
| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| ie | < 1.000 | < 0.50 | < 0.50 |

| | | |
|---------|--------------|--------------|
| 937GW33 | | |
| | Jan 1995 Qtr | Jan 1996 Qtr |
| e | <0.50 | <0.50 |

| 937GW10 | | |
|------------|--------------|--------------|
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| <1.000 | <0.50 | <0.50 |

| 937GW06 | | |
|------------|--------------|--------------|
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| < 1.000 | < 0.50 | < 0.50 |

| 937GW24 | | |
|------------|--------------|--------------|
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| <1.000 | <0.50 | <0.50 |









-  DISC
-  SOIL
-  GROL
-  SHAL
-  MONT
-  MONI
-  SHALI
-  SOIL S
-  APPRC
REMO
-  APPRC
FORMI
-  STAIN

NOTES: 1. ALL CONC

2. DATA FOC
ARE INCLUD
SECTION.

3. * ADDITIC
BY MONTGO

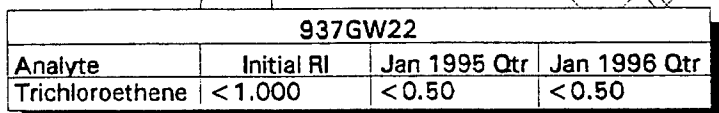
EXPLANATION

| | |
|---|--|
|  | DISCRETE GROUNDWATER SAMPLE |
|  | SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE |
|  | SHALLOW MONITORING WELL |
|  | MONTGOMERY WATSON SHALLOW MONITORING WELL |
|  | SHALLOW MONITORING WELL WITH SOIL SAMPLES |
|  | APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA |
|  | APPROXIMATE LOCATIONS OF FORMER USTs |
|  | STAINED AREAS |

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.



| 937GW22 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | < 1.000 | < 0.50 | < 0.50 |

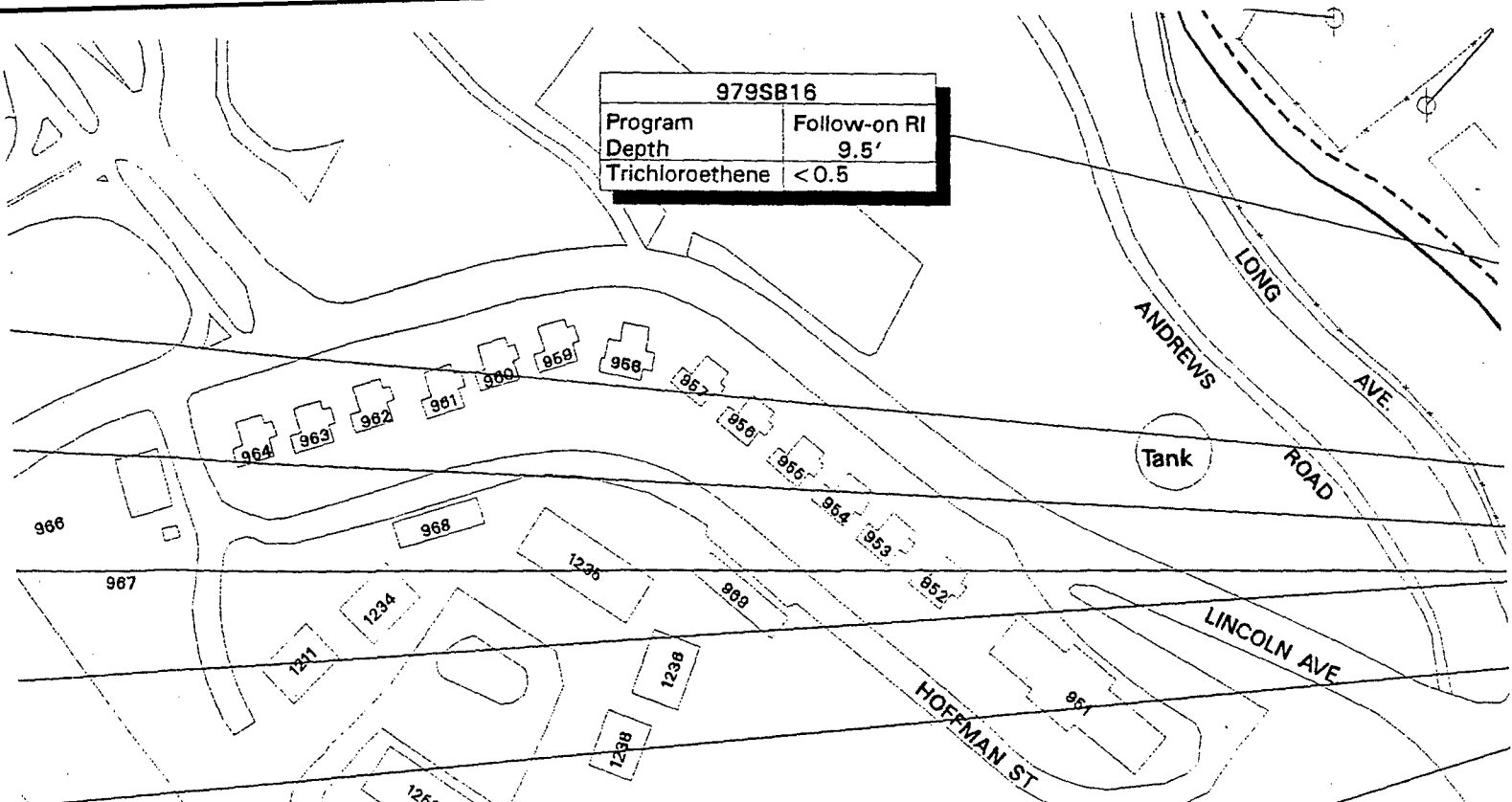
| 937GW28 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | < 1.000 | < 0.50 | < 0.50 |

| 937UVB01M1 | |
|-----------------|--------------|
| Analyte | Jan 1996 Qtr |
| Trichloroethene | < 0.50 |

| 937GW01 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | < 1.000 | < 0.50 | < 0.50 |

| 937GW11 | |
|-----------------|------------|
| Analyte | Initial RI |
| Trichloroethene | < 5.000 a |

| 979SB16 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 9.5' |
| Trichloroethene | <0.5 |



| 937GW36 | | | | |
|-----------------|-----------|--------------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <2.5 | <10 | <2.5 | <0.50 |

| 937GW02 | |
|-----------------|------------|
| Analyte | Initial RI |
| Trichloroethene | <5.000 a |

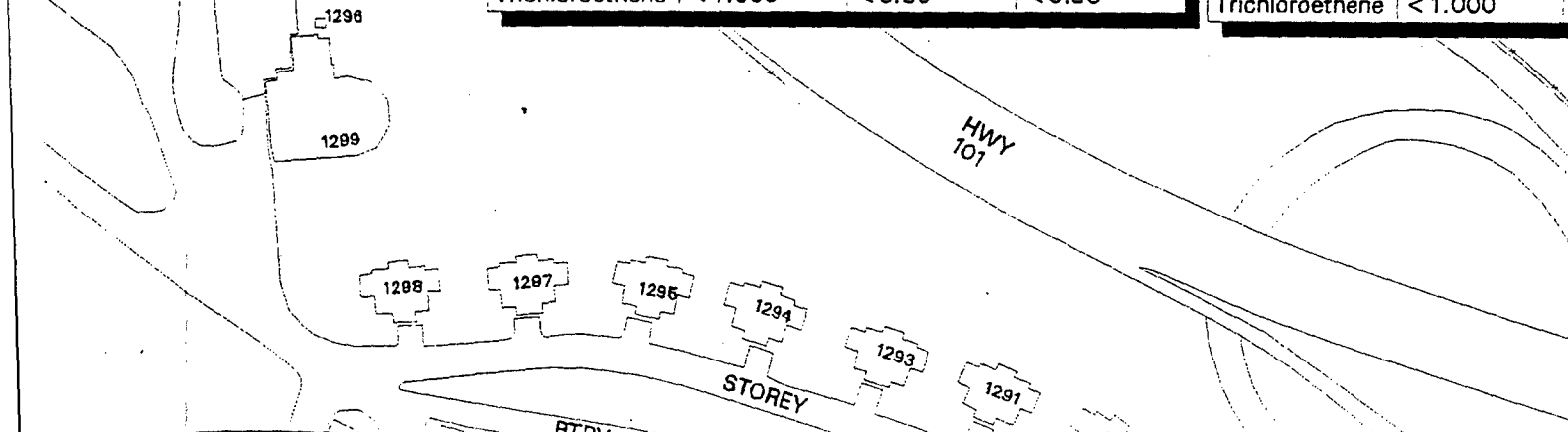
| 937GW12 | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <0.50 | <0.50 |

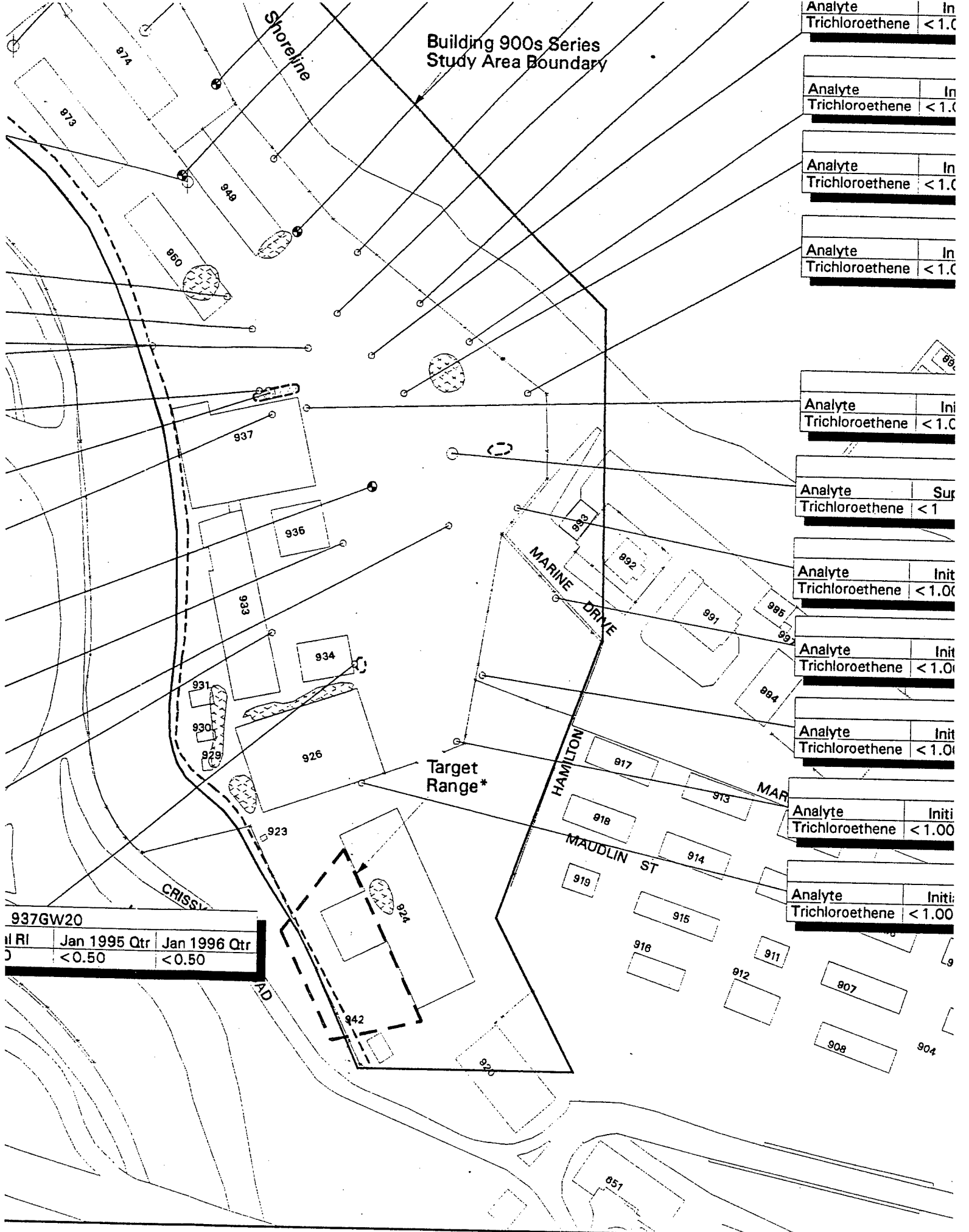
| 937GW26 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <1.000 | <0.50 | <0.50 |

| 937GW27 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <1.000 | <0.50 | <0.50 |

| 937GW21 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <1.000 | <0.50 | <0.50 |

| 937GW. | | |
|-----------------|------------|---|
| Analyte | Initial RI | J |
| Trichloroethene | <1.000 | < |





| Analyte | Ini |
|-----------------|-------|
| Trichloroethene | < 1.0 |

| Analyte | Ini |
|-----------------|-------|
| Trichloroethene | < 1.0 |

| Analyte | Ini |
|-----------------|-------|
| Trichloroethene | < 1.0 |

| Analyte | Ini |
|-----------------|-------|
| Trichloroethene | < 1.0 |

| Analyte | Ini |
|-----------------|-------|
| Trichloroethene | < 1.0 |

| Analyte | Sur |
|-----------------|-----|
| Trichloroethene | < 1 |

| Analyte | Init |
|-----------------|--------|
| Trichloroethene | < 1.00 |

| Analyte | Init |
|-----------------|--------|
| Trichloroethene | < 1.00 |

| Analyte | Init |
|-----------------|--------|
| Trichloroethene | < 1.00 |

| Analyte | Init |
|-----------------|--------|
| Trichloroethene | < 1.00 |

| Analyte | Init |
|-----------------|--------|
| Trichloroethene | < 1.00 |

| 937GW20 | | |
|---------|--------------|--------------|
| il RI | Jan 1995 Qtr | Jan 1996 Qtr |
| 0 | < 0.50 | < 0.50 |

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW08

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW04

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW07

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW03

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 12 | < 5.0 |

937GW37

| | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|-----------|--------------|--------------|
| oethene | < 1 | < 0.50 | < 0.50 |

937GW15

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW16

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW17

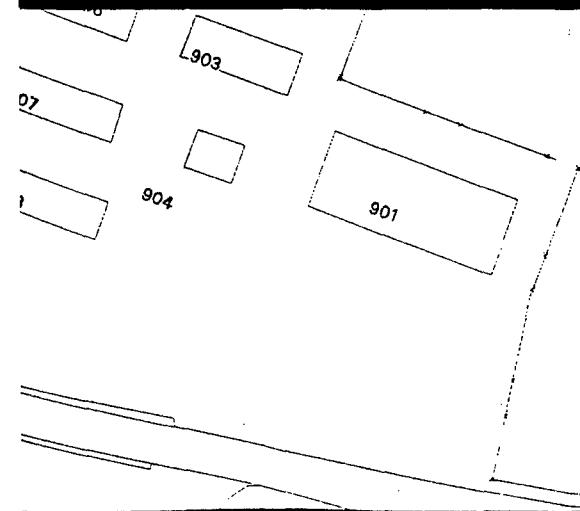
| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW18

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |

937GW19

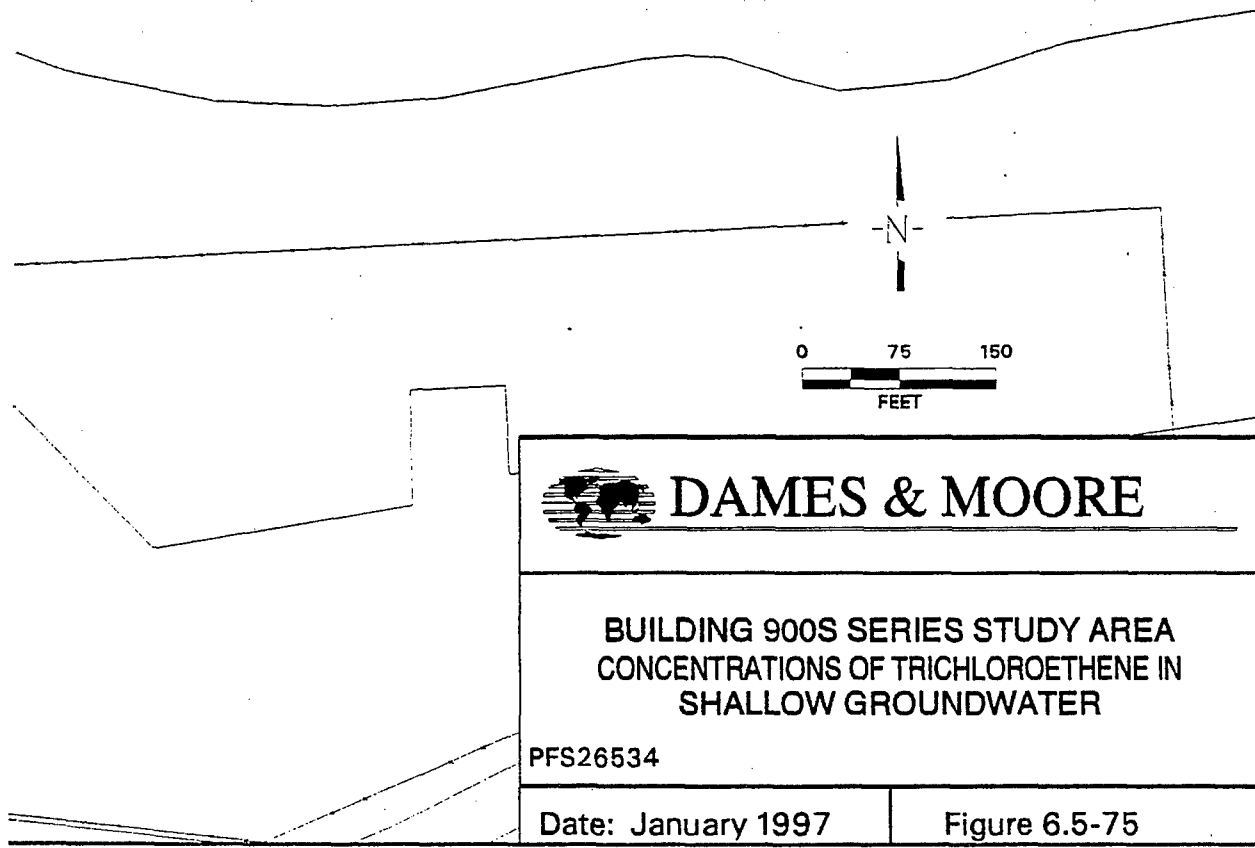
| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|---------|------------|--------------|--------------|
| oethene | < 1.000 | < 0.50 | < 0.50 |



BUILDING
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PFS26534

Date: January



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF TRICHLOROETHENE IN
SHALLOW GROUNDWATER**

PFS26534

Date: January 1997

Figure 6.5-75

| 979SB11 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.5' |
| Trichloroethene | <0.5 |

| 979SB04 | | |
|-----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 35.0' |
| Trichloroethene | <0.5 | <0.5 |

P
D
T

| 979GW09 | |
|-----------------|--------------|
| Analyte | Follow-on RI |
| Trichloroethene | <0.5 |

| 979SB09 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Trichloroethene | <0.5 |

| 979GW05 | | | |
|-----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | 85.000 | 25.6 | 38 |

| 979SB08 | | |
|-----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 16.5' | 25.5' |
| Trichloroethene | <0.5 | <0.5 |

| 979SB07 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Trichloroethene | 50 |

| 979SB13 | | |
|-----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 19.5' | 25.0' |
| Trichloroethene | 37 | 12 |

| 937GW42 | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <0.50 | <0.50 |

| 937GW32 | |
|-----------------|------------|
| Analyte | Initial RI |
| Trichloroethene | <1.000 |

| 937GW32R | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <5.0 | <12 |

| 937GW43 | | |
|-----------------|--------------|--------|
| Analyte | Jan 1995 Qtr | Jan 19 |
| Trichloroethene | <0.50 | <0.50 |

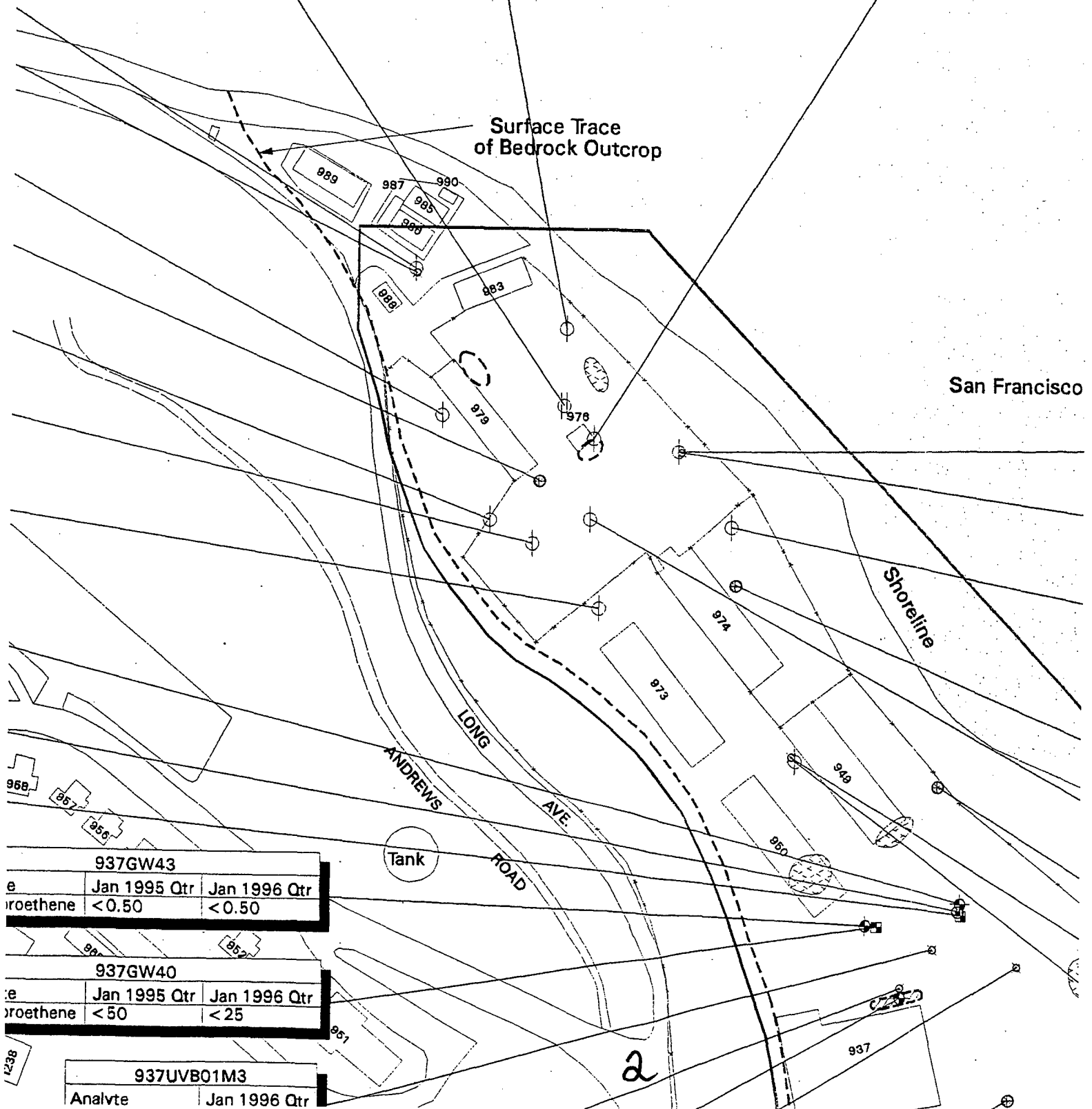
| 937GW40 | | |
|-----------------|--------------|--------|
| Analyte | Jan 1995 Qtr | Jan 19 |
| Trichloroethene | <50 | <25 |

| 937UVB01M3 | |
|------------|--------|
| Analyte | Jan 19 |

| 95SB04 | |
|-----------|--------------|
| low-on RI | Follow-on RI |
| 20.0' | 35.0' |
| 0.5 | <0.5 |

| 979SB03 | | | |
|-----------------|--------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 35.0' | 45.5' |
| Trichloroethene | <0.5 | <0.5 | <0.5 |

| 979SB05 | | |
|-----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 34.0' |
| Trichloroethene | <0.5 | <0.5 |












| 937GW43 | | |
|-----------------|--------------|--------------|
| | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <0.50 | <0.50 |

| 937GW40 | | |
|-----------------|--------------|--------------|
| | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <50 | <25 |

| 937UVB01M3 | |
|------------|--------------|
| Analvte | Jan 1996 Qtr |

| | |
|----|--------------|
| RI | Follow-on RI |
| | 34.0' |
| | <0.5 |

EXPLANATION

-  DISCRETE GROUNDWATER SAMPLE
-  SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

San Francisco Bay

| 979SB02 | | | |
|-----------------|--------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI | Follow-on RI |
| Depth | 18.0' | 35.0' | 44.5' |
| Trichloroethene | <0.5 | <0.5 | <0.5 |

| 979GW10 | | |
|-----------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | <0.5 | <0.5 |

| 979SB12 | | |
|-----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 27.5' | 47.5' |
| Trichloroethene | <0.5 | <0.5 |

| 979GW06 | | | |
|-----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | <2.200 | 1.00 | <0.5 |

| 979SB06 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Trichloroethene | 9.5 |

Building 900s
Series Study
Area Boundary

3

02761/20

| 937GW42 | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <0.50 | <0.50 |

| 937GW32 | |
|-----------------|------------|
| Analyte | Initial RI |
| Trichloroethene | <1.000 |

| 937GW32R | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <5.0 | <12 |

| 937GW43 | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <0.50 | <0.50 |

| 937GW40 | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <50 | <25 |

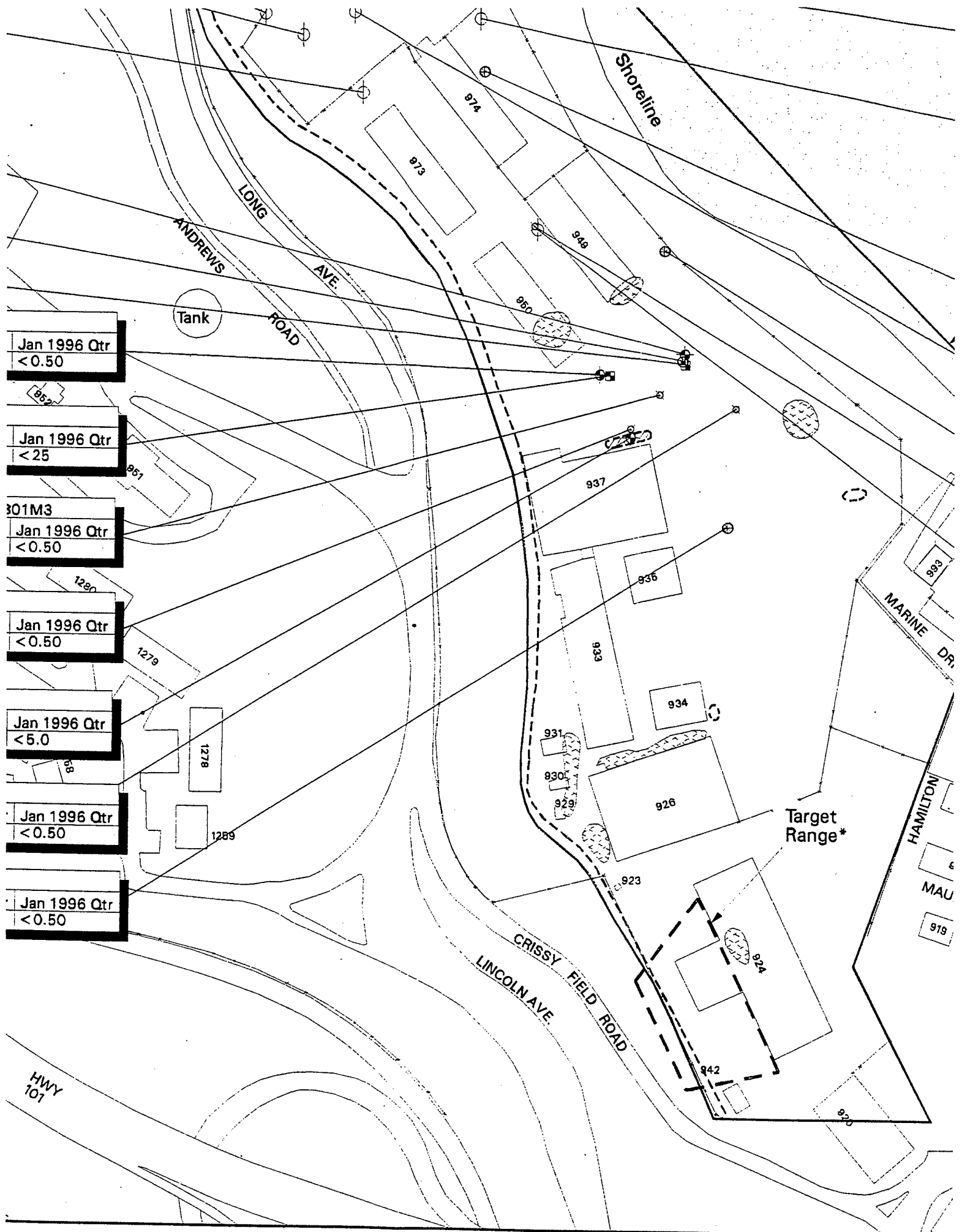
| 937UVB01M3 | |
|-----------------|--------------|
| Analyte | Jan 1996 Qtr |
| Trichloroethene | <0.50 |

| 937GW31 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | 87.000 | <5.0 | <0.50 |

| 937GW41 | | |
|-----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <0.50 | <5.0 |

| 937GW29 | | | |
|-----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <1.000 | <0.50 | <0.50 |

| 937GW38 | | | |
|-----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <1 | <0.50 | <0.50 |



- Jan 1996 Qtr
< 0.50
- Jan 1996 Qtr
< 25
- 301M3
Jan 1996 Qtr
< 0.50
- Jan 1996 Qtr
< 0.50
- Jan 1996 Qtr
< 5.0
- Jan 1996 Qtr
< 0.50
- Jan 1996 Qtr
< 0.50

| 979GW10 | | |
|-----------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | <0.5 | <0.5 |

| 979SB12 | | |
|-----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 27.5' | 47.5' |
| Trichloroethene | <0.5 | <0.5 |

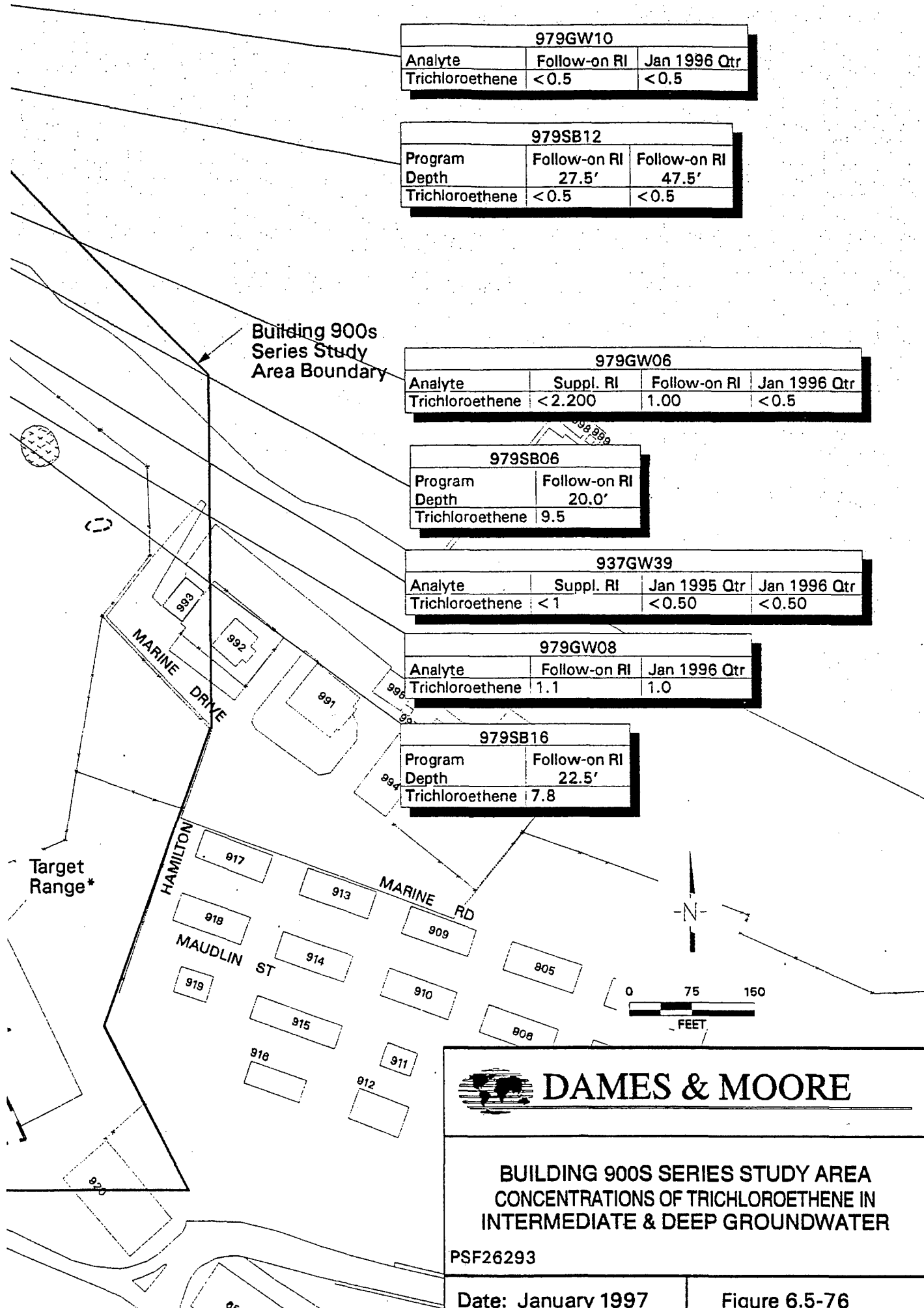
| 979GW06 | | | |
|-----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | <2.200 | 1.00 | <0.5 |

| 979SB06 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Trichloroethene | 9.5 |

| 937GW39 | | | |
|-----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Trichloroethene | <1 | <0.50 | <0.50 |

| 979GW08 | | |
|-----------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Trichloroethene | 1.1 | 1.0 |

| 979SB16 | |
|-----------------|--------------|
| Program | Follow-on RI |
| Depth | 22.5' |
| Trichloroethene | 7.8 |



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF TRICHLOROETHENE IN
INTERMEDIATE & DEEP GROUNDWATER**

PSF26293

Date: January 1997

Figure 6.5-76

| 979GW04 | | |
|------------------------|-----------|--------------|
| Analyte | Suppl. RI | Follow-on RI |
| cis-1,2-Dichloroethene | < 0.160 | < 0.460 |

| 979GW03 | | |
|------------------------|-----------|--------------|
| Analyte | Suppl. RI | Follow-on RI |
| cis-1,2-Dichloroethene | 1.600 | 42.0 |

| 979SB03 | |
|---------------------------|--------------|
| Program Depth | Follow-on RI |
| cis-1,2-Dichloroethene 13 | 10.0' |

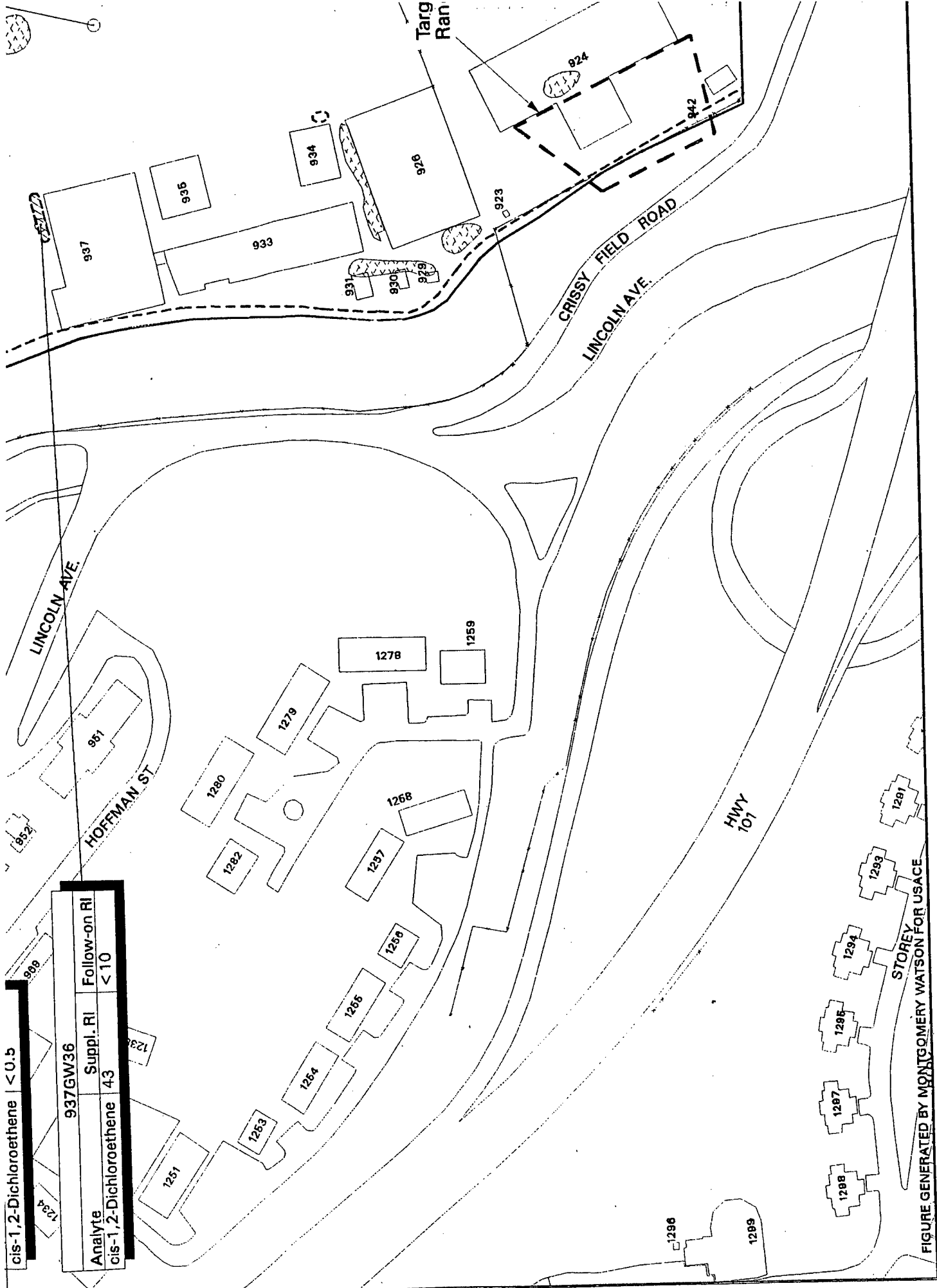
| 979SB05 | |
|-----------------------------|--------------|
| Program Depth | Follow-on RI |
| cis-1,2-Dichloroethene 87 a | 10.0' |

| 979SB02 | |
|---------------------------|--------------|
| Program Depth | Follow-on RI |
| cis-1,2-Dichloroethene 25 | 10.0' |

| 979SB15 | |
|------------------------------|--------------|
| Program Depth | Follow-on RI |
| cis-1,2-Dichloroethene < 0.5 | 13.5' |

Surface Trace
of Bedrock Outcrop

| 979SB01 | |
|------------------------|--------------|
| Analyte | Follow-on RI |
| cis-1,2-Dichloroethene | 979 |



| | | | |
|-----------------------------|-----------|--------------|--|
| cis-1,2-Dichloroethene <0.5 | | | |
| 937GW36 | | | |
| Analyte | Suppl. RI | Follow-on RI | |
| cis-1,2-Dichloroethene | 43 | < 10 | |

FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

EXPLANATION

DISCRETE GROUNDWATER SAMPLE

SOIL BORING WITH DISCRETE
GROUNDWATER SAMPLE

SHALLOW MONITORING WELL

SHALLOW MONITORING WELL WITH
SOIL SAMPLES

APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA

APPROXIMATE LOCATIONS OF
FORMER USTs

STAINED AREAS



NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

9GW03

| Suppl. RI | Follow-on RI |
|-----------|--------------|
| 1.600 | 42.0 |

979SB05

| Program Depth | Follow-on RI |
|------------------------|--------------|
| cis-1,2-Dichloroethene | 10.0' |
| | 87 a |

979SB02

| Program Depth | Follow-on RI |
|------------------------|--------------|
| cis-1,2-Dichloroethene | 12.0' |
| | 25 |

F

7/20/2003

| Suppl. RI | Follow-on RI |
|-----------|--------------|
| 1.600 | 42.0 |

| 979SB05 | | |
|------------------------|--------------|--|
| Program | Follow-on RI | |
| Depth | 10.0' | |
| cis-1,2-Dichloroethene | 87 a | |

| 979SB02 | | |
|------------------------|--------------|--|
| Program | Follow-on RI | |
| Depth | 12.0' | |
| cis-1,2-Dichloroethene | 26 | |

face Trace
drock Outcrop

| 979GW02 | | |
|------------------------|-----------|--------------|
| Analyte | Suppl. RI | Follow-on RI |
| cis-1,2-Dichloroethene | 33.000 | 23.0 |

| 979SB13 | | |
|------------------------|--------------|--|
| Program | Follow-on RI | |
| Depth | 12.0' | |
| cis-1,2-Dichloroethene | 11 | |

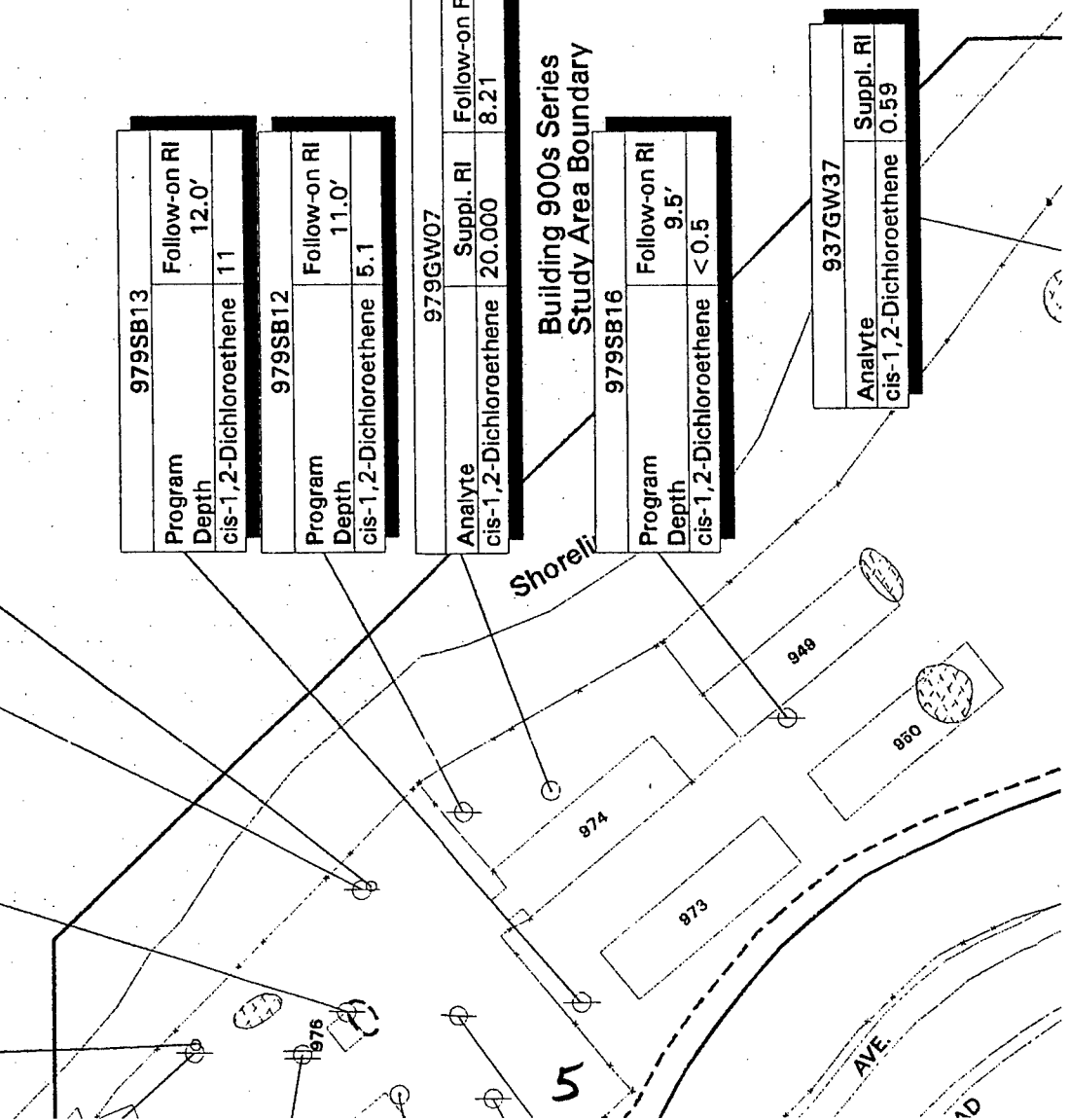
| 979SB12 | | |
|------------------------|--------------|--|
| Program | Follow-on RI | |
| Depth | 11.0' | |
| cis-1,2-Dichloroethene | 5.1 | |

| 979GW07 | | |
|------------------------|-----------|--------------|
| Analyte | Suppl. RI | Follow-on RI |
| cis-1,2-Dichloroethene | 20.000 | 8.21 |

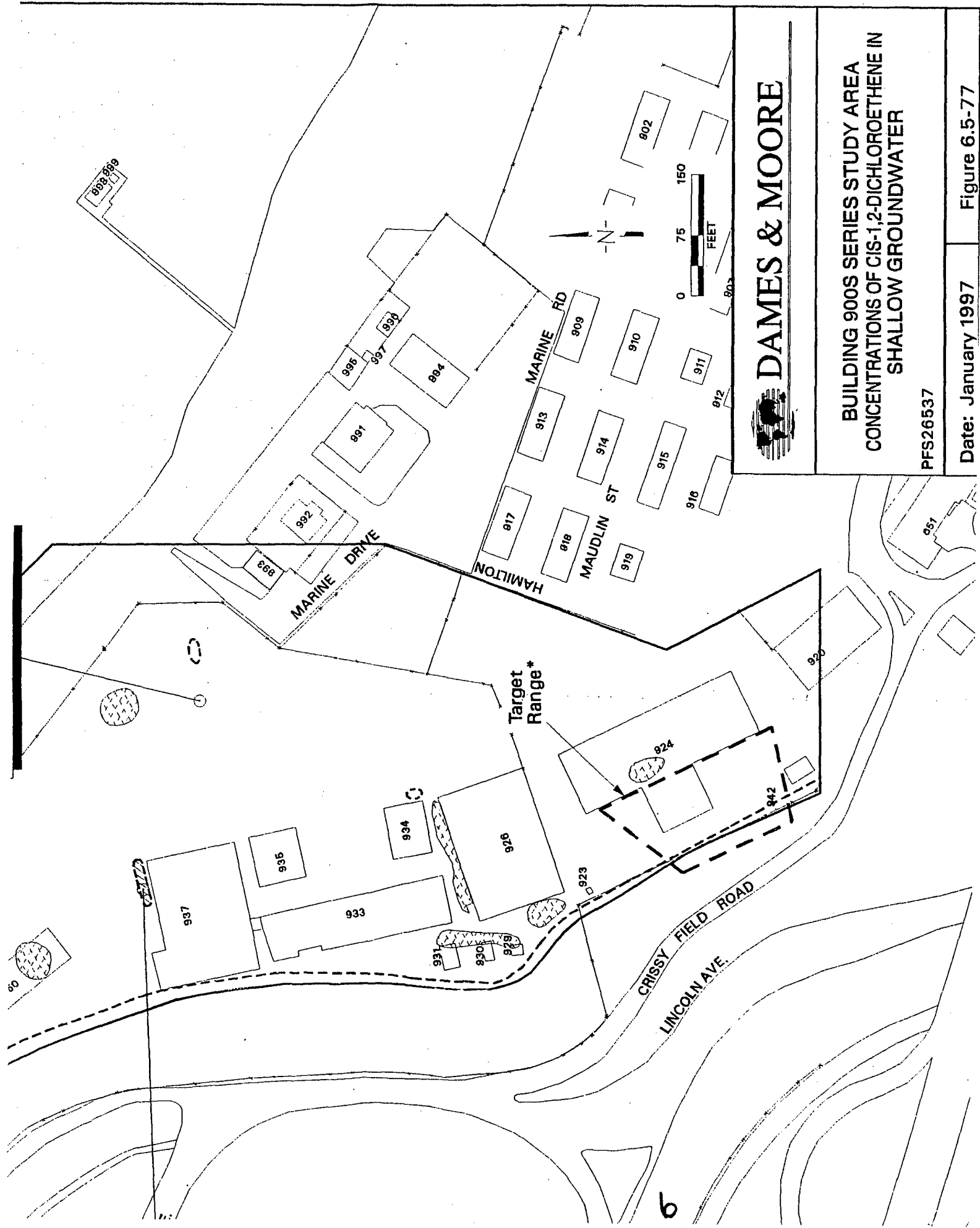
Building 900s Series
Study Area Boundary

| 979SB16 | | |
|------------------------|--------------|--|
| Program | Follow-on RI | |
| Depth | 9.5' | |
| cis-1,2-Dichloroethene | < 0.5 | |

| 937GW37 | | |
|------------------------|-----------|--|
| Analyte | Suppl. RI | |
| cis-1,2-Dichloroethene | 0.59 | |



999 989



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**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF CIS-1,2-DICHLOROETHENE IN
SHALLOW GROUNDWATER**

PFS26537

Date: January 1997

Figure 6.5-77

| 979GW05 | | |
|------------------------|-----------|--------------|
| Analyte | Suppl. RI | Follow-on RI |
| cis-1,2-Dichloroethene | 3.400 | 0.600 |

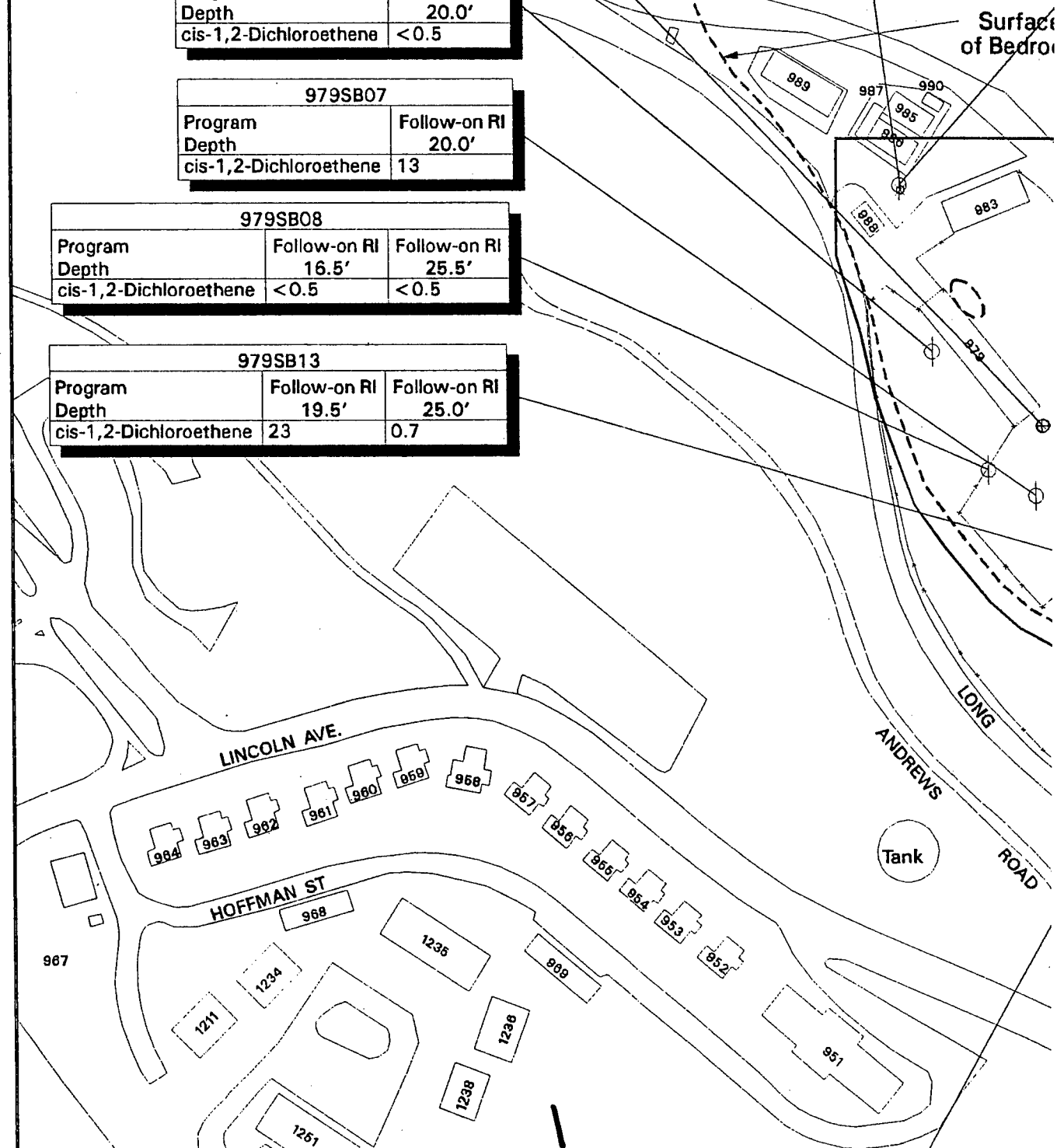
| 979GW09 | |
|------------------------|--------------|
| Analyte | Follow-on RI |
| cis-1,2-Dichloroethene | < 0.5 |

| 979SB09 | |
|------------------------|--------------|
| Program Depth | Follow-on RI |
| cis-1,2-Dichloroethene | 20.0' |
| | < 0.5 |

| 979SB07 | |
|------------------------|--------------|
| Program Depth | Follow-on RI |
| cis-1,2-Dichloroethene | 20.0' |
| | 13 |

| 979SB08 | | |
|------------------------|--------------|--------------|
| Program Depth | Follow-on RI | Follow-on RI |
| cis-1,2-Dichloroethene | 16.5' | 25.5' |
| | < 0.5 | < 0.5 |

| 979SB13 | | |
|------------------------|--------------|--------------|
| Program Depth | Follow-on RI | Follow-on RI |
| cis-1,2-Dichloroethene | 19.5' | 25.0' |
| | 23 | 0.7 |



| 979GW09 | |
|--------------|--------------|
| Program | Follow-on RI |
| Depth | < 0.5 |
| chloroethene | |

| 979SB11 | |
|------------------------|--------------|
| Program | Follow-on RI |
| Depth | 20.5' |
| cis-1,2-Dichloroethene | |
| | < 0.5 |

| 979SB03 | | | |
|------------------------|--------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 35.0' | 4 |
| cis-1,2-Dichloroethene | | | |
| | 17 | < 0.5 | < 0.5 |

Surface Trace
of Bedrock Outcrop

San Francisco Bay

Shoreline

Buildi
Series
Area I

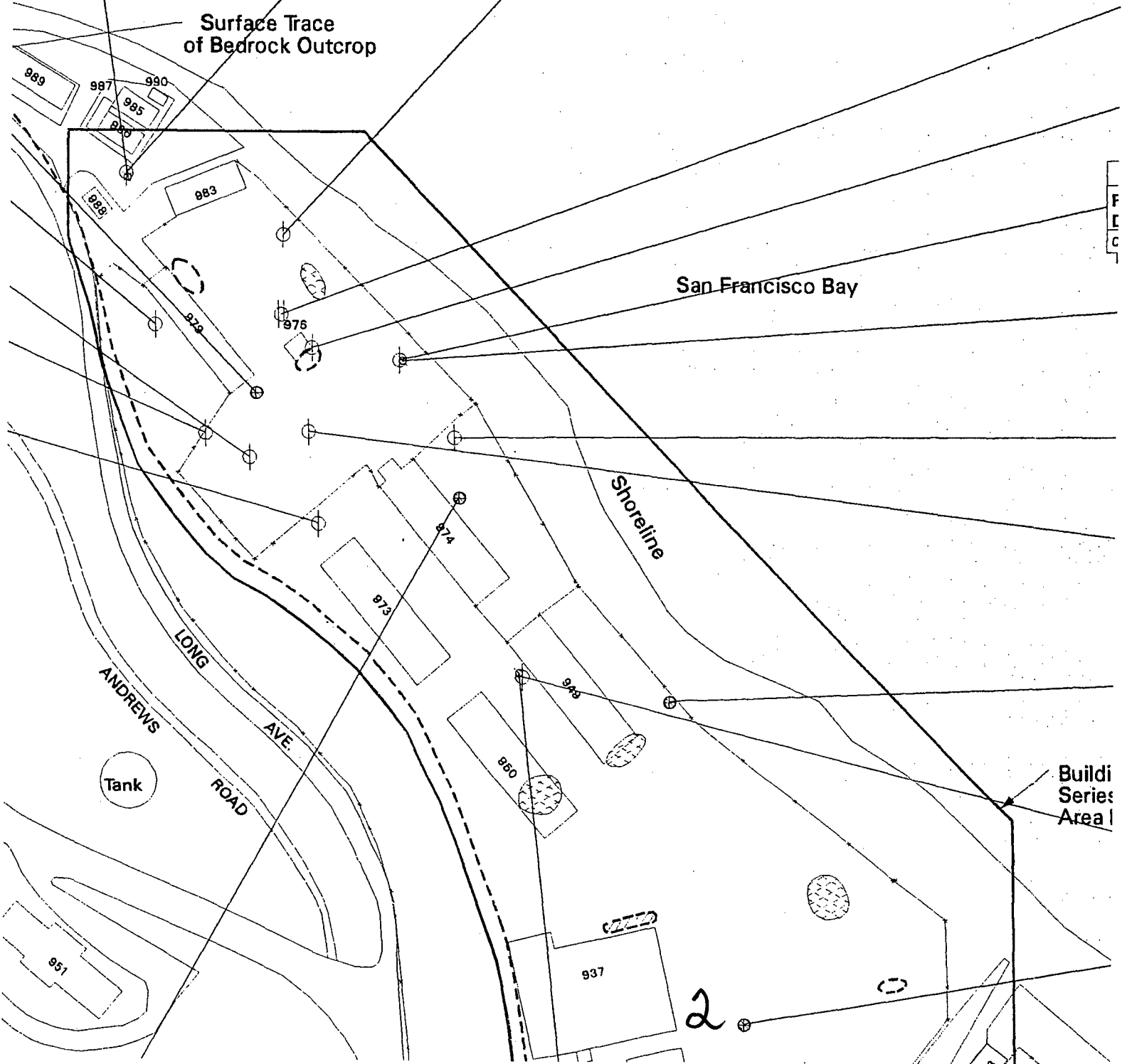
ANDREWS
ROAD

LONG
AVE.

Tank

937

2



| | |
|--------|--------------|
| -on RI | Follow-on RI |
| 0' | 45.5' |
| | < 0.5 |

| 979SB04 | | |
|------------------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 35.0' |
| cis-1,2-Dichloroethene | 28 | < 0.5 |

| 979SB05 | | |
|------------------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 34.0' |
| cis-1,2-Dichloroethene | 34 | < 0.5 |

| 979SB02 | | | |
|------------------------|--------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI | Follow-on RI |
| Depth | 18.0' | 35.0' | 44.5' |
| cis-1,2-Dichloroethene | 11 | < 0.5 | < 0.5 |

| 979GW10 | |
|------------------------|--------------|
| Analyte | Follow-on RI |
| cis-1,2-Dichloroethene | < 0.5 |

| 979SB12 | | |
|------------------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 27.5' | 47.5' |
| cis-1,2-Dichloroethene | < 0.5 | < 0.5 |

| 979SB06 | |
|------------------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| cis-1,2-Dichloroethene | 44 |

| 937GW39 | |
|------------------------|-----------|
| Analyte | Suppl. RI |
| cis-1,2-Dichloroethene | 3.4 |

| 979SB16 | |
|------------------------|--------------|
| Program | Follow-on RI |
| Depth | 22.5' |
| cis-1,2-Dichloroethene | 44 |

| 937GW38 | |
|------------------------|-----------|
| Analyte | Suppl. RI |
| cis-1,2-Dichloroethene | < 0.5 |

EXPLANATION



DISCRETE GROUNDWATER SAMPLE



SOIL BORING WITH DISCRETE
GROUNDWATER SAMPLE



DEEP MONITORING WELL



DEEP MONITORING WELL WITH
SOIL SAMPLES



APPROXIMATE LOCATIONS OF USTs
REMOVED DURING IRA



APPROXIMATE LOCATIONS OF
FORMER USTs



STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS
ARE INCLUDED AT THE END OF THIS FIGURES
SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED
BY MONTGOMERY WATSON.

Building 900s
Series Study
Area Boundary

27 Dec 96 10:02:50 Friday base_11x17_v3.sml, plotfile base_8900ID_WH_37.gra, P57

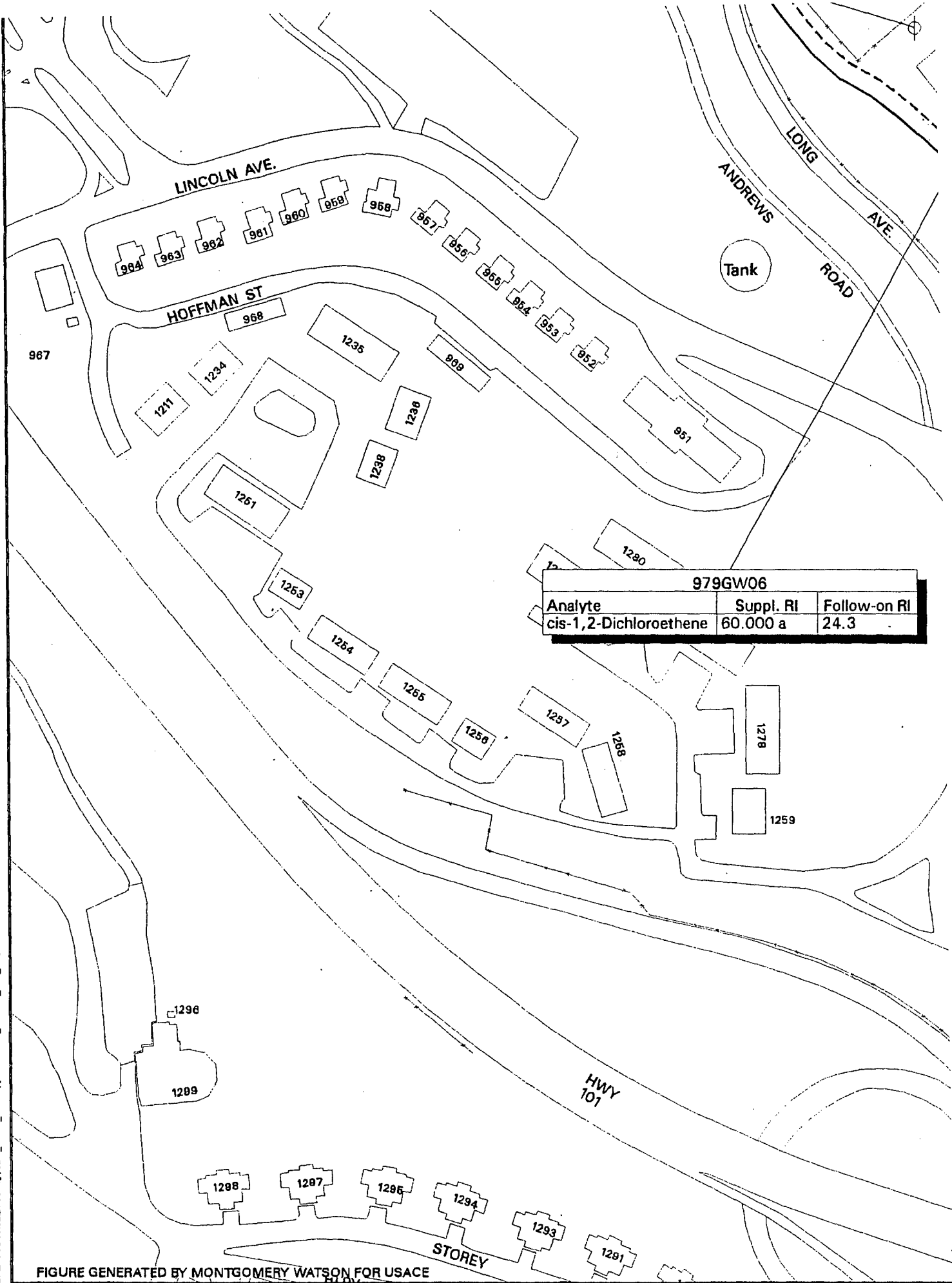
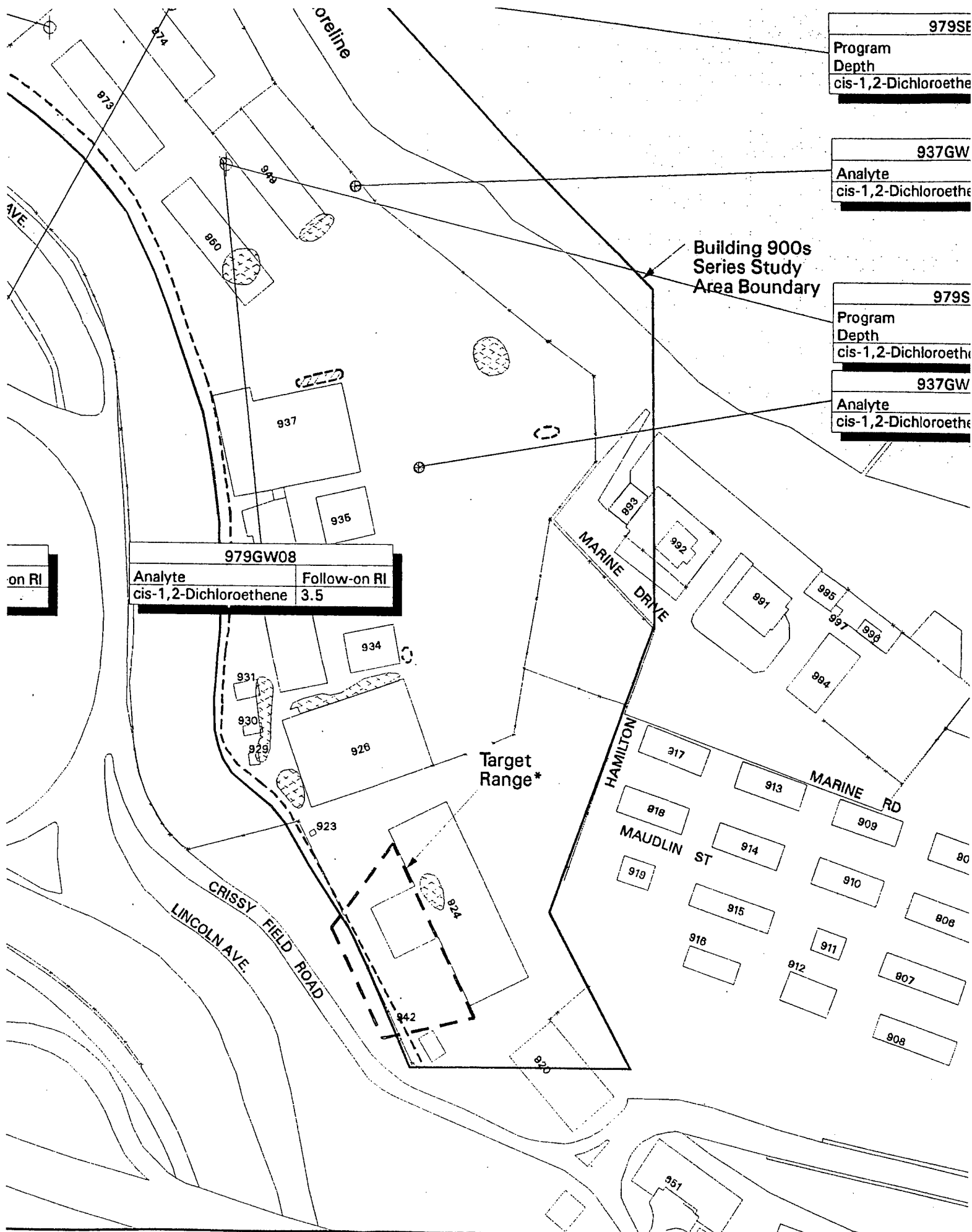


FIGURE GENERATED BY MONTGOMERY WATSON FOR USACE

4



979SE
Program
Depth
cis-1,2-Dichloroethane

937GW
Analyte
cis-1,2-Dichloroethane

979S
Program
Depth
cis-1,2-Dichloroethane
937GW
Analyte
cis-1,2-Dichloroethane

979GW08
Analyte
cis-1,2-Dichloroethane
Follow-on RI
3.5

on RI

| 979SB06 | |
|------------------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| cis-1,2-Dichloroethene | 44 |


| 937GW39 | |
|------------------------|-----------|
| Analyte | Suppl. RI |
| cis-1,2-Dichloroethene | 3.4 |

| 979SB16 | |
|------------------------|--------------|
| Program | Follow-on RI |
| Depth | 22.5' |
| cis-1,2-Dichloroethene | 44 |

| 937GW38 | |
|------------------------|-----------|
| Analyte | Suppl. RI |
| cis-1,2-Dichloroethene | < 0.5 |

ig 900s
Study
boundary




DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF CIS-1,2-DICHLOROETHENE IN
INTERMEDIATE & DEEP GROUNDWATER**

PSF26291

Date: January 1997

Figure 6.5-78

6

| 979GW04 | | | |
|----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | <0.160 | <0.393 | <0.5 |

| 979SB11 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 11.5' |
| Vinyl Chloride | <0.5 |

| 979SB15 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 13.5' |
| Vinyl Chloride | <0.5 |

| 979SB09 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 13.0' |
| Vinyl Chloride | <0.5 |

| 979GW01 | | | | |
|----------------|------------|-----------|--------------|--------------|
| Analyte | Initial RI | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | 62.275 | 62.000 a | 10.3 | 12 |

| 979SB06 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 10.0' |
| Vinyl Chloride | <0.5 |

| 979SB08 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 12.0' |
| Vinyl Chloride | <0.5 |

| 979SB07 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 13.0' |
| Vinyl Chloride | 41 |

1664

1663

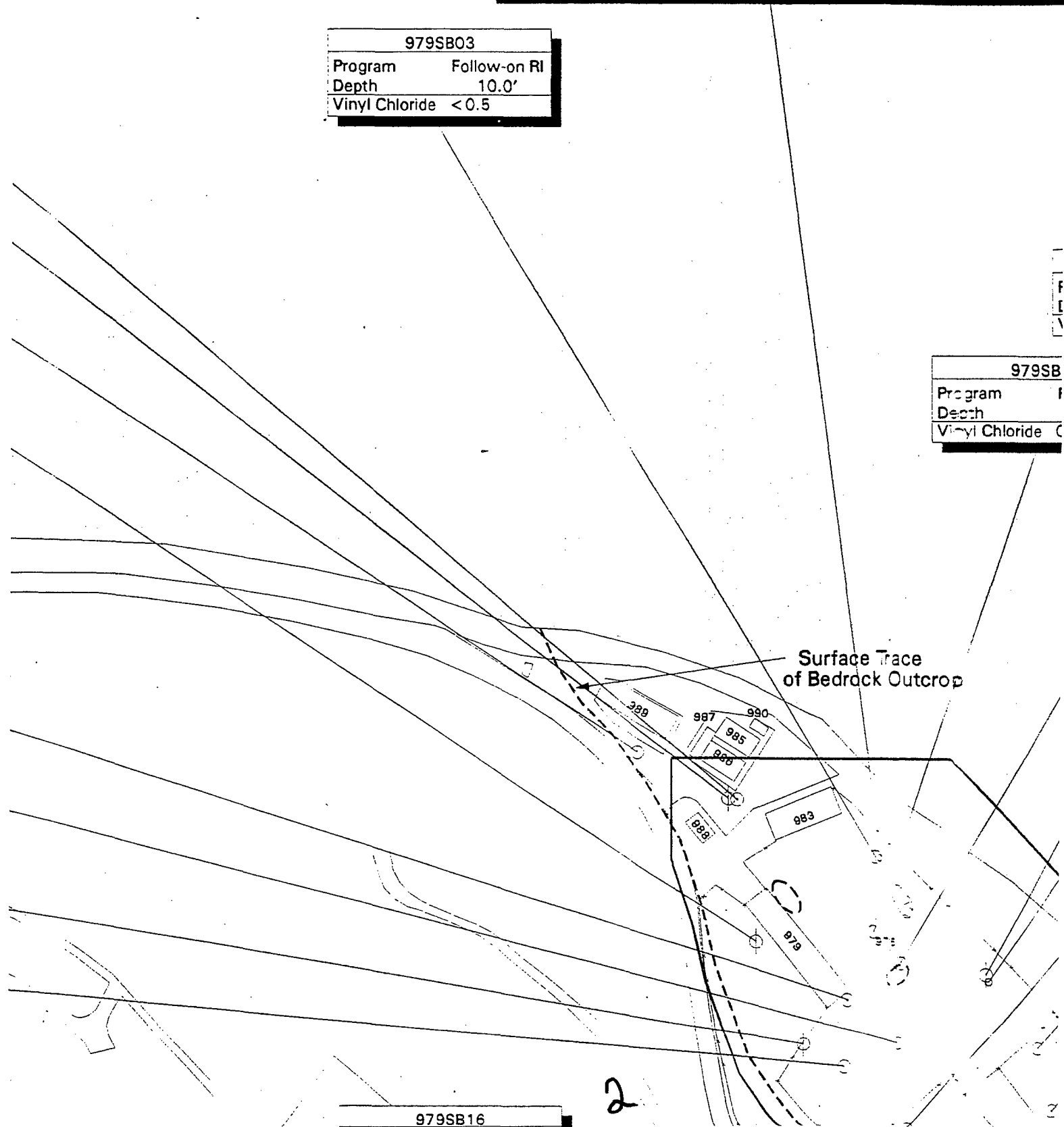
1662

1665

| 979GW03 | | | | |
|----------------|------------|-----------|--------------|--------------|
| Analyte | Initial RI | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | < 12.000 | < 0.160 | < 0.393 | 0.5 |

| 979SB03 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 10.0' |
| Vinyl Chloride | < 0.5 |

| 979SB | |
|----------------|--|
| Program | |
| Depth | |
| Vinyl Chloride | |



Jan 1996 Qtr
5

| 979GV02 | | | | |
|----------------|------------|-----------|--------------|--------------|
| Analyte | Initial RI | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | 25.150 | 8.700 | <0.393 | 12 |

| 979SB02 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 12.0' |
| Vinyl Chloride | 7.3 |

| 979SB05 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 10.0' |
| Vinyl Chloride | 6.3 a |

| 979SB04 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 10.0' |
| Vinyl Chloride | 0.9 |

| 979SB13 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 12.0' |
| Vinyl Chloride | 14 |

| 979SB12 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 11.0' |
| Vinyl Chloride | 5.7 |

| 979C | |
|----------------|-----------|
| Analyte | Suppl. RI |
| Vinyl Chloride | 36.000 |

| 937GW35 | |
|----------------|--------------|
| Analyte | Jan 1995 Qtr |
| Vinyl Chloride | 5.2 |

| 937GW34R | |
|----------------|--------------|
| Analyte | Jan 1995 Qtr |
| Vinyl Chloride | <0.50 |

| 937G | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | 74.251 |

| 937GW33 | |
|----------------|--------------|
| Analyte | Jan 1995 Qtr |
| Vinyl Chloride | <0.50 |

| 937G | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | <12.000 |

| 937G | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | <12.000 |

| 937G | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | <12.000 |

| 937G | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | <12.000 |

San Francisco Bay

Shore

Building 90Cs Series

3

1996 Qtr

9SB13

Follow-on RI
12.0'

de 14

9SB12

Follow-on RI
11.0'

de 5.7

979GW07

| | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
|----|-----------|--------------|--------------|
| de | 36.000 | 41.4 | 35 |

937GW35

| | Jan 1995 Qtr | Jan 1996 Qtr |
|----|--------------|--------------|
| de | 5.2 | 4.5 |

937GW34R

| | Jan 1995 Qtr | Jan 1996 Qtr |
|----|--------------|--------------|
| de | <0.50 | <0.50 |

937GW23

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----|------------|--------------|--------------|
| de | 74.251 | 37 | 0.58 |

937GW33

| | Jan 1995 Qtr | Jan 1996 Qtr |
|----|--------------|--------------|
| de | <0.50 | <0.50 |

937GW10

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----|------------|--------------|--------------|
| de | <12.000 | <0.50 | <0.50 |

937GW06

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----|------------|--------------|--------------|
| de | <12.000 | <0.50 | <0.50 |

937GW24

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----|------------|--------------|--------------|
| de | <12.000 | <0.50 | <0.50 |

937GW05

| | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|----|------------|--------------|--------------|
| de | <12.000 | <0.50 | <0.50 |



DISCRE
SOIL B
GROUND
SHALLI
MONTG
MONIT
SHALLI
SOIL S.
APPRO
REMOV
APPRO
FORME
STAIN









NOTES: 1. ALL CONC

2. DATA FOC
ARE INCLUE
SECTION.

3. * ADDITI
BY MONTGC

4

EXPLANATION

| | |
|---|--|
|  | DISCRETE GROUNDWATER SAMPLE |
|  | SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE |
|  | SHALLOW MONITORING WELL |
|  | MONTGOMERY WATSON SHALLOW MONITORING WELL |
|  | SHALLOW MONITORING WELL WITH SOIL SAMPLES |
|  | APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA |
|  | APPROXIMATE LOCATIONS OF FORMER USTs |
|  | STAINED AREAS |

- NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.
2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.
3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

| 937GW22 | | | |
|----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 12.000 | 1.5 | < 0.50 |

| 937GW28 | | | |
|----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 76.647 | 2.9 | 1.0 |

| 937UVB01M1 | |
|----------------|--------------|
| Analyte | Jan 1996 Qtr |
| Vinyl Chloride | < 0.50 |

| 937GW01 | | | |
|----------------|------------|--------------|--------------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 12.000 | < 0.50 | < 0.50 |

| 937GW11 | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | < 60.000 a |

| | |
|----------------|--------------|
| 979SB16 | |
| Program | Follow-on RI |
| Depth | 9.5' |
| Vinyl Chloride | <0.5 |

| | | | | |
|----------------|-----------|--------------|--------------|--------------|
| 937GW36 | | | | |
| Analyte | Suppl. RI | Follow-on RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 86 | < 10 | 4.1 | 1.3 |

| | |
|----------------|------------|
| 937GW02 | |
| Analyte | Initial RI |
| Vinyl Chloride | 95.808 a |

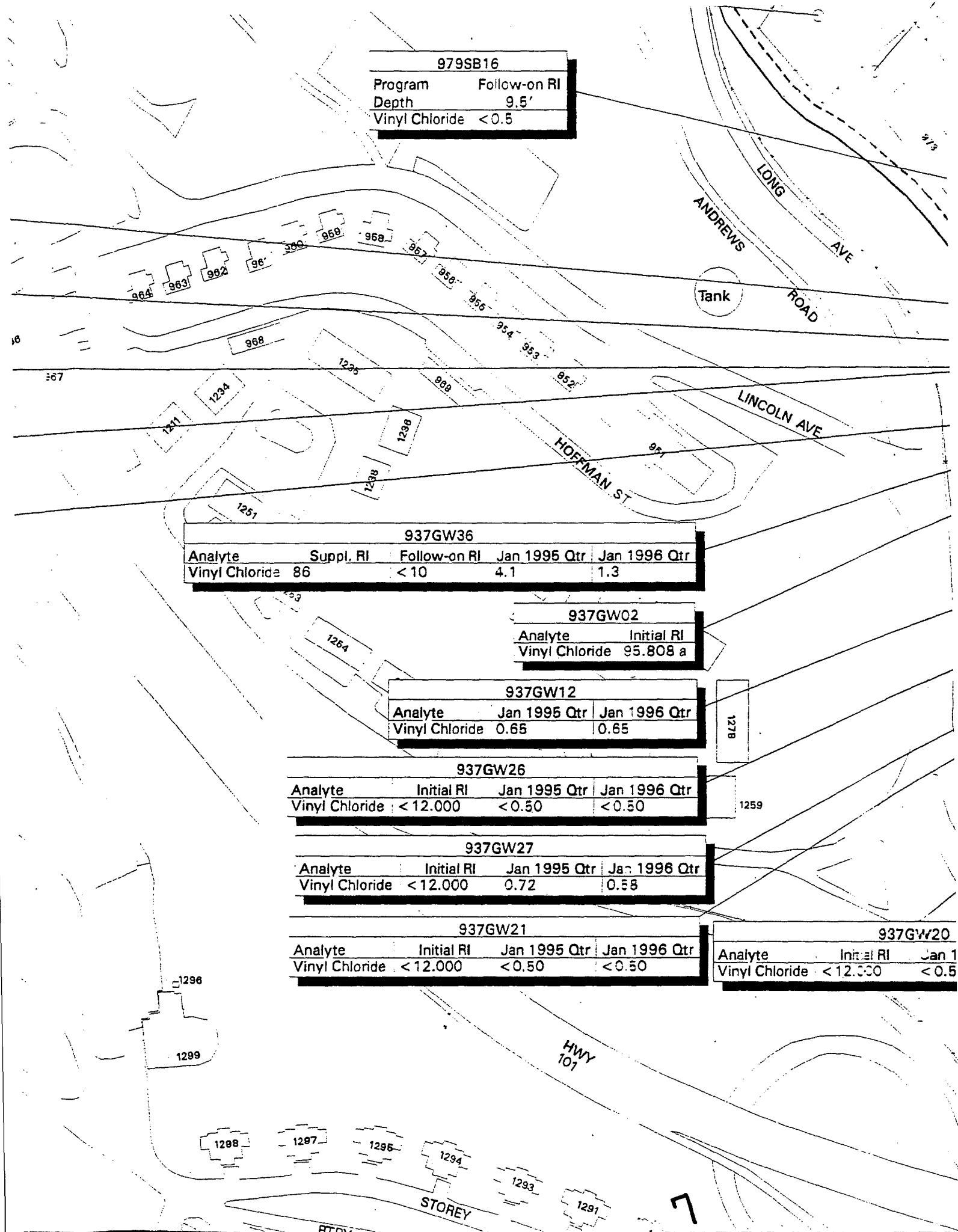
| | | |
|----------------|--------------|--------------|
| 937GW12 | | |
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 0.65 | 0.65 |

| | | | |
|----------------|------------|--------------|--------------|
| 937GW26 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 12.000 | < 0.50 | < 0.50 |

| | | | |
|----------------|------------|--------------|--------------|
| 937GW27 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 12.000 | 0.72 | 0.58 |

| | | | |
|----------------|------------|--------------|--------------|
| 937GW21 | | | |
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 12.000 | < 0.50 | < 0.50 |

| | | |
|----------------|------------|-------|
| 937GW20 | | |
| Analyte | Initial RI | Jan 1 |
| Vinyl Chloride | < 12.000 | < 0.5 |



| | | |
|----------|--------|--------|
| < 12.000 | < 0.50 | < 0.50 |
|----------|--------|--------|

937GW08

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |

937GW04

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |

937GW07

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |

937GW03

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | 14 | < 5.0 |

937GW37

| Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
|-----------|--------------|--------------|
| < 0.5 | < 0.50 | < 0.50 |

937GW15

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | 0.61 | < 0.50 |

937GW16

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |

937GW17

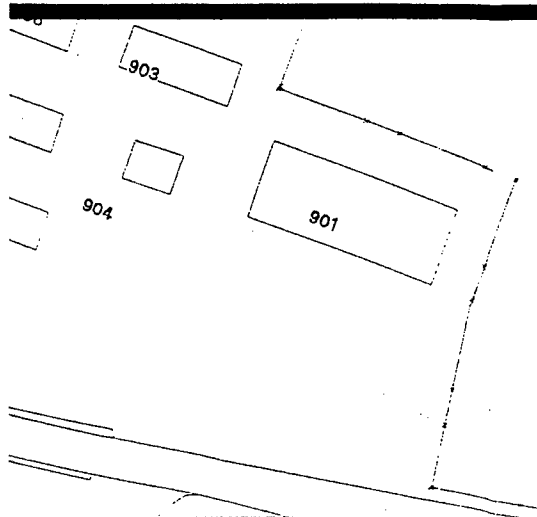
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |

937GW18

| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |

937GW19

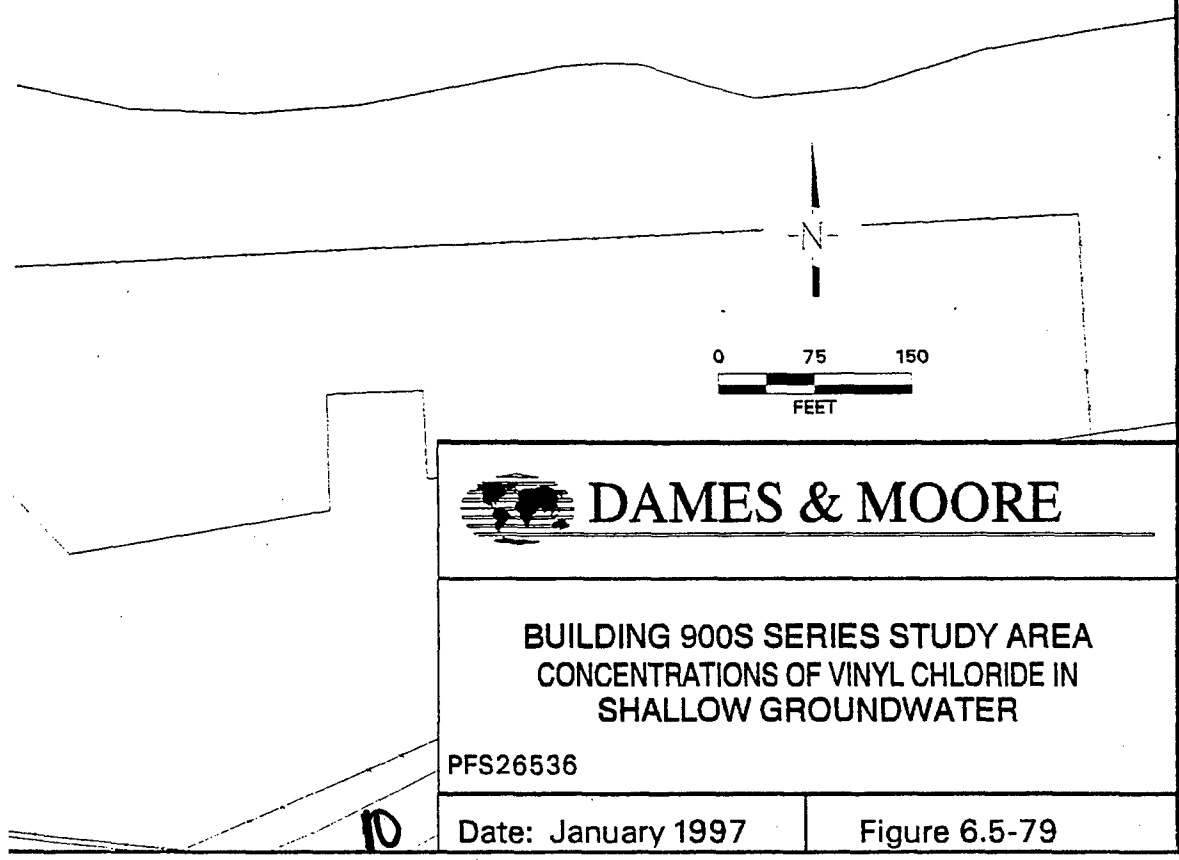
| Initial RI | Jan 1995 Qtr | Jan 1996 Qtr |
|------------|--------------|--------------|
| < 12.000 | < 0.50 | < 0.50 |



BUILDING 90
CONCENTRA
SHALL

PFS26536

Date: January 19



DAMES & MOORE

**BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF VINYL CHLORIDE IN
SHALLOW GROUNDWATER**

PFS26536

Date: January 1997

Figure 6.5-79

| 937GW42 | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 2.0 | 8.3 |

| 937GW32 | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | < 12.000 |

| 937GW32R | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 5.0 | < 12 |

| 937GW43 | | |
|----------------|--------------|----------|
| Analyte | Jan 1995 Qtr | Jan 1996 |
| Vinyl Chloride | 1.3 | < 0.50 |

| 937GW40 | | |
|----------------|--------------|----------|
| Analyte | Jan 1995 Qtr | Jan 1996 |
| Vinyl Chloride | < 50 | < 25 |

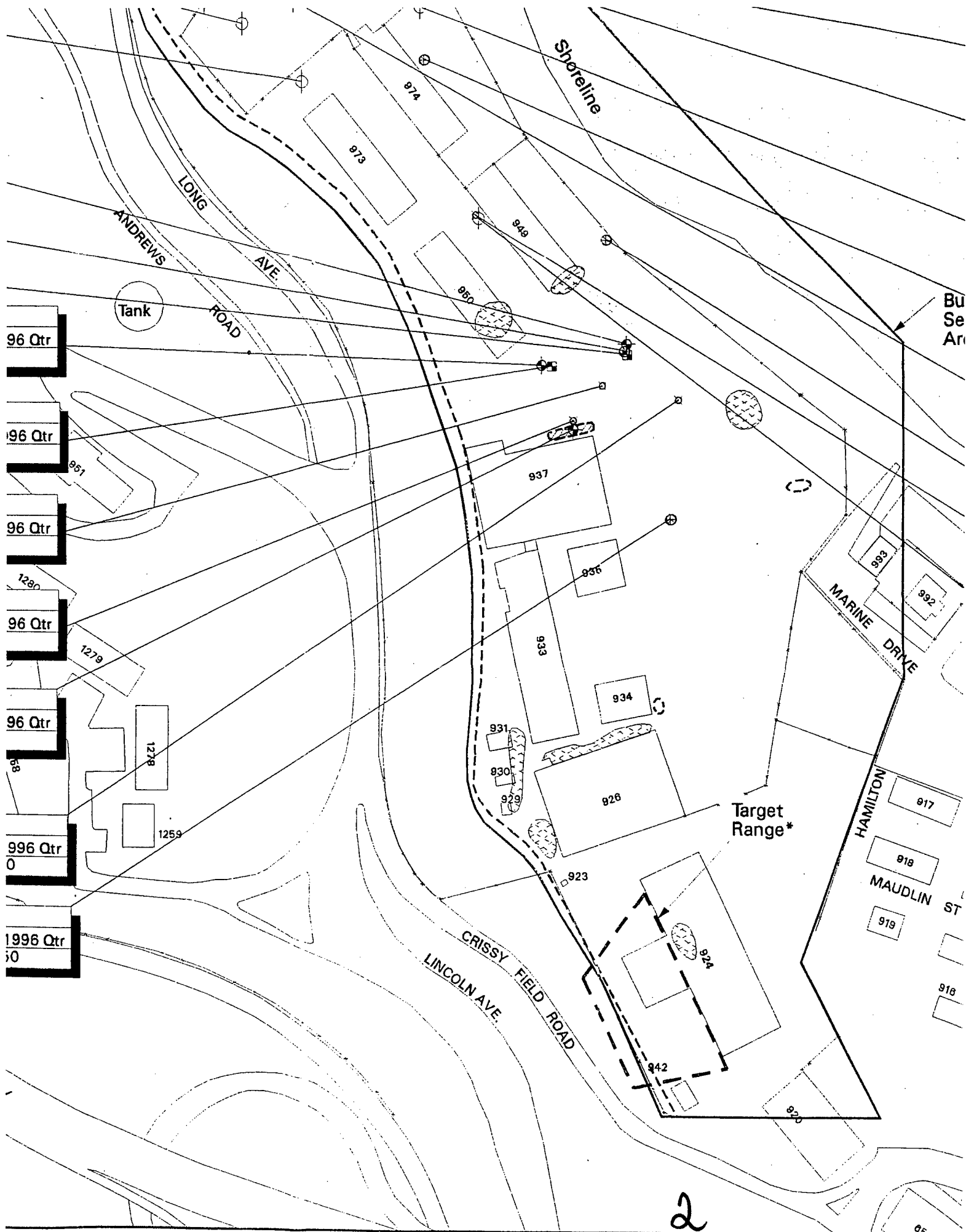
| 937UVB01M3 | |
|----------------|----------|
| Analyte | Jan 1996 |
| Vinyl Chloride | < 0.50 |

| 937GW31 | | | |
|----------------|------------|--------------|----------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 |
| Vinyl Chloride | 17.964 | 80 | < 0.50 |

| 937GW41 | | |
|----------------|--------------|----------|
| Analyte | Jan 1995 Qtr | Jan 1996 |
| Vinyl Chloride | 9.5 | < 5.0 |

| 937GW29 | | | |
|----------------|------------|--------------|----------|
| Analyte | Initial RI | Jan 1995 Qtr | Jan 1996 |
| Vinyl Chloride | < 12.000 | < 0.50 | < 0.50 |

| 937GW38 | | | |
|----------------|-----------|--------------|----------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 |
| Vinyl Chloride | < 0.5 | < 0.50 | < 0.50 |



| 979SB02 | | | |
|----------------|--------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI | Follow-on RI |
| Depth | 18.0' | 35.0' | 44.5' |
| Vinyl Chloride | <0.5 | <0.5 | <0.5 |

| 979GW10 | | |
|----------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | <0.5 | <0.5 |

| 979SB12 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 27.5' | 47.5' |
| Vinyl Chloride | <0.5 | <0.5 |

| 979GW06 | | | |
|----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | <0.160 | <0.393 | <0.5 |

| 979SB06 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Vinyl Chloride | <0.5 |

| 937GW39 | | | |
|----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | <0.5 | <0.50 | <0.50 |

| 979GW08 | | |
|----------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | <0.5 | <0.5 |

| 979SB16 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 22.5' |
| Vinyl Chloride | <0.5 |

Building 900s
Series Study
Area Boundary

Target
Range*

MARINE DRIVE

HAMILTON

MAUDLIN ST

MARINE RD

N

0 75 150
FEET



DAMES & MOORE

BUILDING 900S SERIES STUDY AREA
CONCENTRATIONS OF VINYL CHLORIDE IN
INTERMEDIATE & DEEP GROUNDWATER

PSF26295

3

Date: January 1997

Figure 6.5-80

| 979SB11 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.5' |
| Vinyl Chloride | < 0.5 |

| Program | |
|----------------|--|
| Depth | |
| Vinyl Chloride | |

| 979GW09 | |
|----------------|--------------|
| Analyte | Follow-on RI |
| Vinyl Chloride | < 0.5 |

| 979SB09 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Vinyl Chloride | < 0.5 |

| 979GW05 | | | |
|----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | 0.370 | < 0.393 | < 0.5 |

| 979SB08 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 16.5' | 25.5' |
| Vinyl Chloride | < 0.5 | < 0.5 |

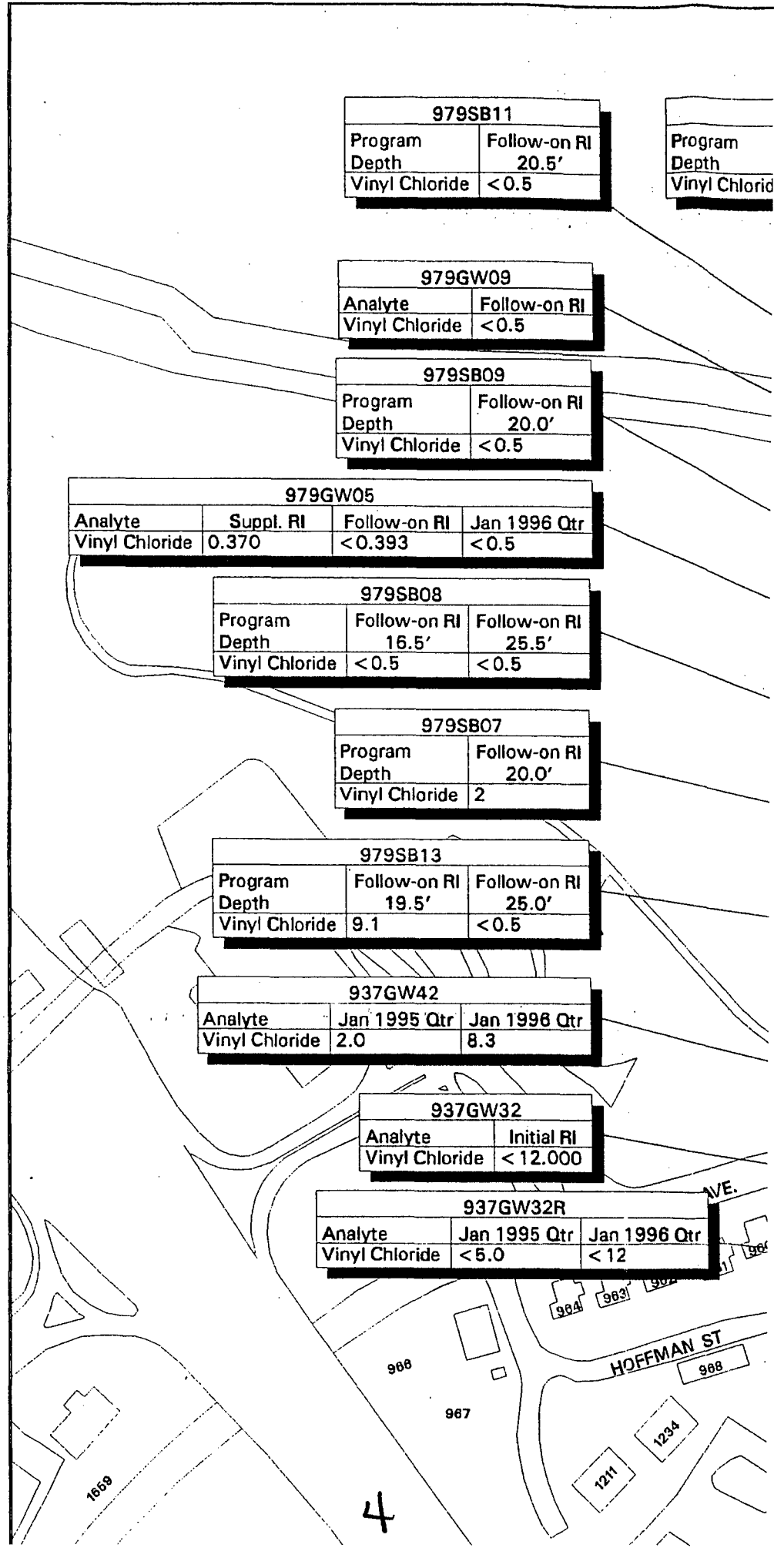
| 979SB07 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Vinyl Chloride | 2 |

| 979SB13 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 19.5' | 25.0' |
| Vinyl Chloride | 9.1 | < 0.5 |

| 937GW42 | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 2.0 | 8.3 |

| 937GW32 | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | < 12.000 |

| 937GW32R | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | < 5.0 | < 12 |



| 979SB11 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.5' |
| Vinyl Chloride | <0.5 |

| 979SB04 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 20.0' | 35.0' |
| Vinyl Chloride | <0.5 | <0.5 |

| 979: | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Vinyl Chloride | <0.5 |

| 979GW09 | |
|----------------|--------------|
| Analyte | Follow-on RI |
| Vinyl Chloride | <0.5 |

| 979SB09 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Vinyl Chloride | <0.5 |

| 979GW05 | | | |
|---------|-----------|--------------|--------------|
| | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| loride | 0.370 | <0.393 | <0.5 |

| 979SB08 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 16.5' | 25.5' |
| Vinyl Chloride | <0.5 | <0.5 |

| 979SB07 | |
|----------------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |
| Vinyl Chloride | 2 |

| 979SB13 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 19.5' | 25.0' |
| Vinyl Chloride | 9.1 | <0.5 |

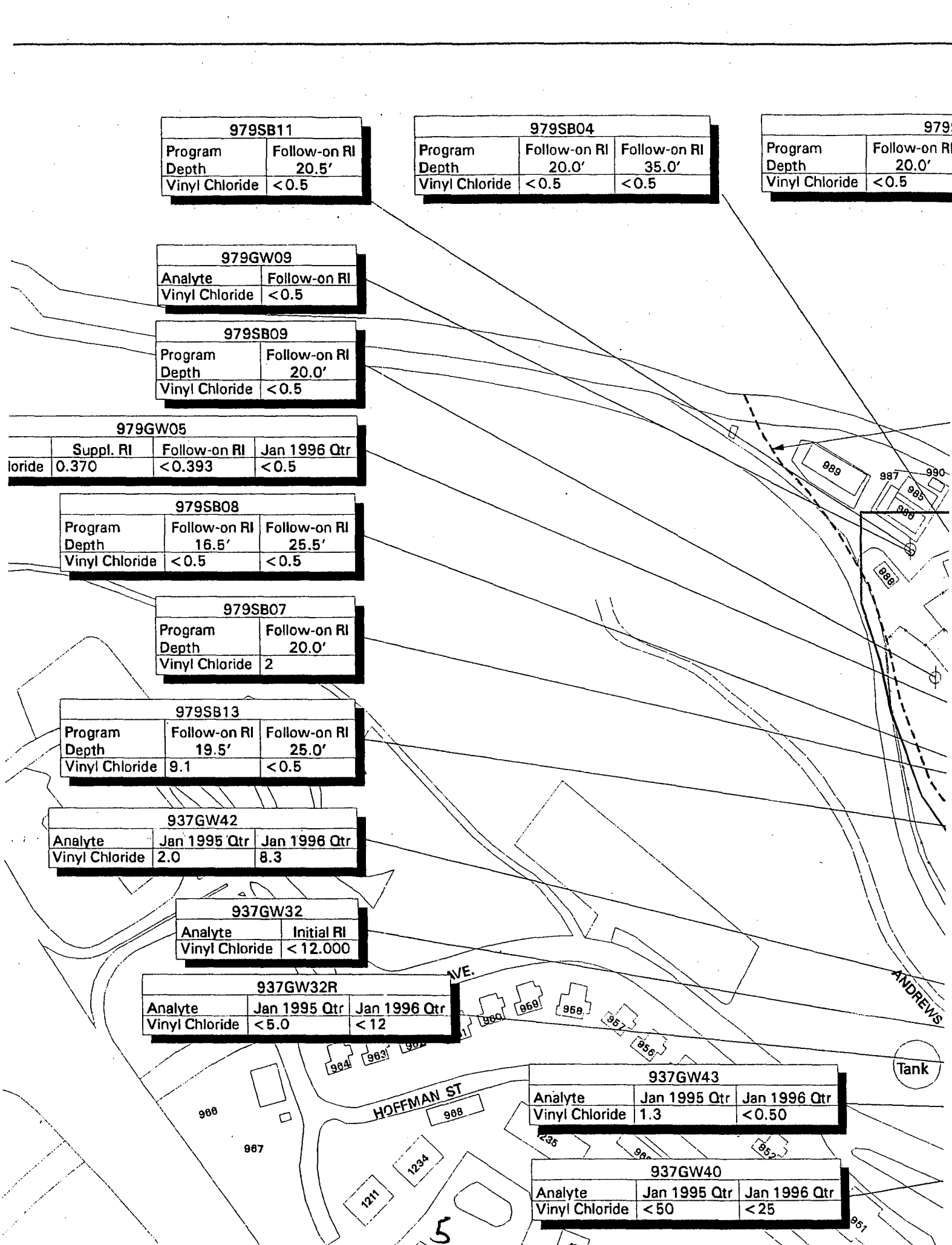
| 937GW42 | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 2.0 | 8.3 |

| 937GW32 | |
|----------------|------------|
| Analyte | Initial RI |
| Vinyl Chloride | <12.000 |

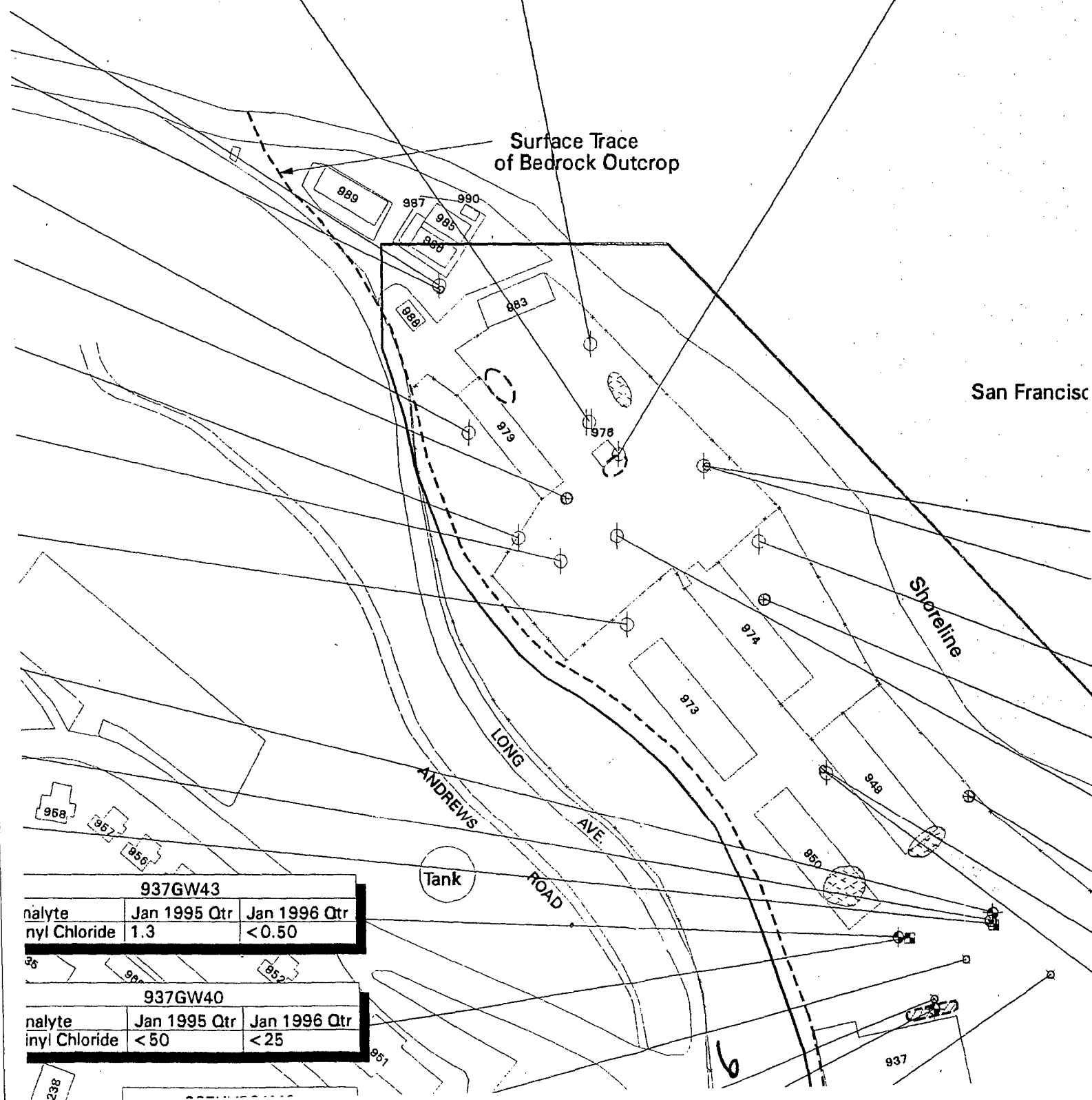
| 937GW32R | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | <5.0 | <12 |

| 937GW43 | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | 1.3 | <0.50 |

| 937GW40 | | |
|----------------|--------------|--------------|
| Analyte | Jan 1995 Qtr | Jan 1996 Qtr |
| Vinyl Chloride | <50 | <25 |












| 979SB05 | | |
|------------------|-----------------------|-----------------|
| Program Depth | Follow-on RI 20.0' | Follow- 34.1 |
| Vinyl Chloride | <0.5 | <0.5 |



| | |
|-------|--------------|
| 05 | |
| in RI | Follow-on RI |
| | 34.0' |
| | <0.5 |

EXPLANATION

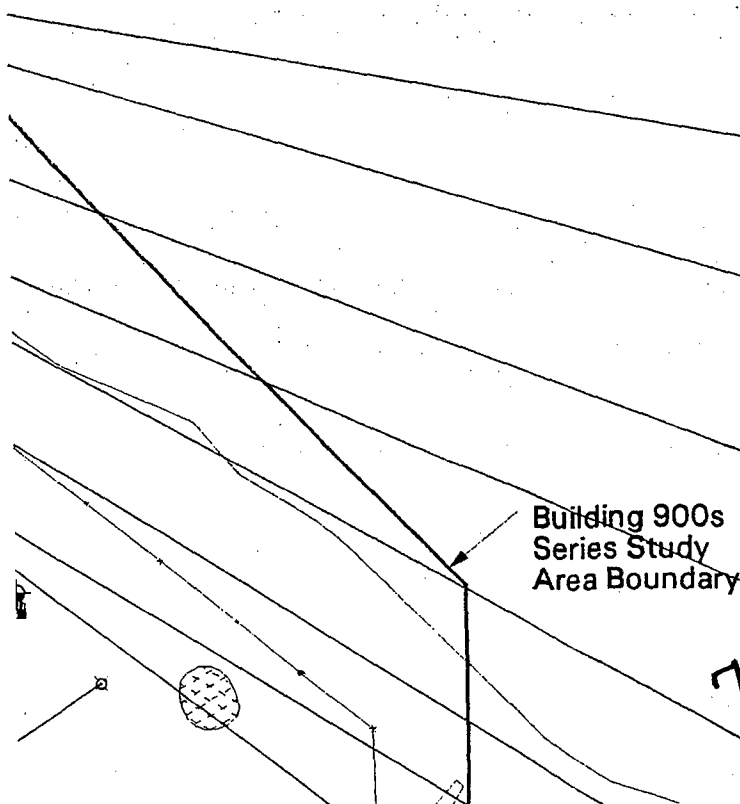
-  DISCRETE GROUNDWATER SAMPLE
-  SOIL BORING WITH DISCRETE GROUNDWATER SAMPLE
-  MONTGOMERY WATSON INTERMEDIATE MONITORING WELL
-  DEEP MONITORING WELL
-  MONTGOMERY WATSON DEEP MONITORING WELL
-  DEEP MONITORING WELL WITH SOIL SAMPLES
-  APPROXIMATE LOCATIONS OF USTs REMOVED DURING IRA
-  APPROXIMATE LOCATIONS OF FORMER USTs
-  STAINED AREAS

NOTES: 1. ALL CONCENTRATIONS REPORTED AS $\mu\text{g/L}$.

2. DATA FOOTNOTE AND LITHOLOGY KEYS ARE INCLUDED AT THE END OF THIS FIGURES SECTION.

3. * ADDITIONAL INVESTIGATIONS PERFORMED BY MONTGOMERY WATSON.

an Francisco Bay



| 979SB02 | | | |
|----------------|--------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI | Follow-on RI |
| Depth | 18.0' | 35.0' | 44.5' |
| Vinyl Chloride | <0.5 | <0.5 | <0.5 |

| 979GW10 | | |
|----------------|--------------|--------------|
| Analyte | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | <0.5 | <0.5 |

| 979SB12 | | |
|----------------|--------------|--------------|
| Program | Follow-on RI | Follow-on RI |
| Depth | 27.5' | 47.5' |
| Vinyl Chloride | <0.5 | <0.5 |

| 979GW06 | | | |
|----------------|-----------|--------------|--------------|
| Analyte | Suppl. RI | Follow-on RI | Jan 1996 Qtr |
| Vinyl Chloride | <0.160 | <0.393 | <0.5 |

| 979SB06 | |
|---------|--------------|
| Program | Follow-on RI |
| Depth | 20.0' |